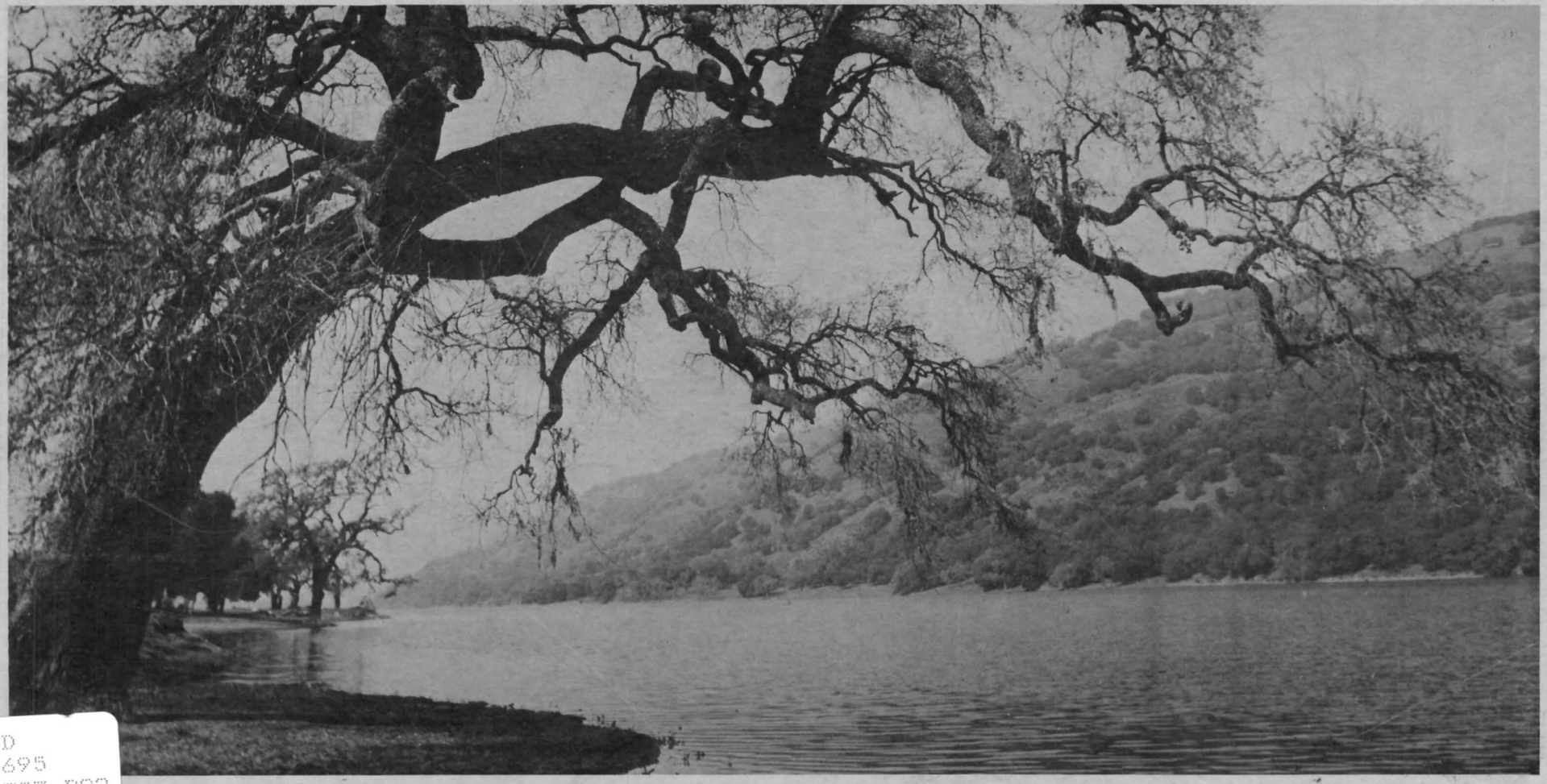
FINAL BUDGET
1980-81



HD
1695
S383.B82
v.1980/81
c.1
LIBRARY

Santa Clara Valley Water District

HD1695S383B821980/81c.1

SUBMITTED BY: John T. O'Halloran
General Manager

BOARD OF DIRECTORS

Linda Peralta, Chairman

Maurice E. Dullea
Patrick T. Ferraro
James J. Lenihan
Arthur T. Pfeiffer
Sig Sanchez
Robert T. Sapp

SANTA CLARA VALLEY WATER DISTRICT
1980-81

CONTENTS

	Page
GENERAL INFORMATION	1
BUDGETING PROCESS	1
MAJOR PROJECTS PROPOSED FOR 1980-81	2
DISTRICT SALARIES AND STAFFING	4
COMPARATIVE BUDGET - REVENUE	6
COMPARATIVE BUDGET - OUTLAY	7
REVENUE SUMMARY	8
OUTLAY SUMMARY	9
STATUS OF BONDED INDEBTEDNESS	10
FLOOD CONTROL ZONES	
Northwest Zone	11
North Central Zone	15
Central Zone	20
East Zone	24
South Zone	28
WATER UTILITY	32
Source of Supply	38
Raw Water Transmission and Distribution	43
Water Treatment	47
Treated Water Transmission and Distribution	51
Administration and General	54

6B311 (6/4/80)

CONTENTS (Cont)

	Page
DISTRICT COST CENTER	
Governmental Program Projects	58
Fixed Assets	59
Administration Program Projects	61
Services and Supplies	65
	67
SERVICE FUND	
Equipment Working Capital Fund	73

GENERAL INFORMATION

To finance its activities, the District has been divided into zones of benefit. Five of these zones support flood control activities. The boundary of each zone is described at the beginning of its Budget Summary. Other zones have been established for District administration and to provide financing for the conservation, distribution, reclamation, and treatment of local and imported water.

Ad valorem tax allocations from the Countywide property tax finance the expenditures of each Flood Control Zone. The expenditures within each zone for all programs are presented on the program summary sheets within each zone budget.

Budgeting for the Water Utility is accomplished on an enterprise fund basis. Water supply activities are partially financed by an allocation of the Countywide tax to pay for the cost of import facilities and for the recreational benefits derived from the District's reservoirs. The major source of water supply income is a charge levied on all groundwater extracted within Zone W-2 of the District and from the sale of treated water. Other sources of revenue result from a tax allocation to Zones W-3 and W-4, from the sale of surface-delivered untreated water, and reclaimed water.

The District receives a small Countywide administration tax allocation to purchase fixed assets such as office equipment and to fund general governmental costs required in the overall operation of the District.

BUDGETING PROCESS

The budget is prepared as a cooperative effort of all organizational units and reviewed by a Budget Committee. Responsibility is established for every project in each program. Each work effort is defined by Project Coordinators and each participating organizational unit budgets the items necessary for its successful completion.

Each activity of the District can be related to one of several financial accounting units known as "cost centers". Within each cost center subgroupings of related activities are determined and called programs; an analysis of the major programs would show the following allocation of activities:

ADMINISTRATION includes all labor and contractual services required in the administration of a cost center.

PLANNING includes all labor and contractual services on projects up to the final design activity which is included in the Construction Program. Planning includes all planned studies, the preparation of hearing plans, and certain special studies.

CONSTRUCTION includes all labor, use or purchase of equipment and contractual services which result in the completion of a project, a substantial improvement to the life or value of a physical project or the acquisition of a new physical asset.

MAINTENANCE includes all work performed on District projects, facilities or equipment which result in maintaining constructed works or equipment in operating condition.

OPERATIONS includes all work performed in the release, diversion, treatment, reclamation or transportation of water in or through channels or pipelines.

MAJOR PROJECTS PROPOSED FOR 1980-81

This section will highlight the major projects proposed for 1980-81. It should be noted, however, that all projects in the Planning and Construction Programs are explained within each cost center. Included at the end of each section is a listing of each project showing the amount budgeted for each program.

ADMINISTRATION Work within this program provides a focal point to capture administrative support including District labor and contractual services which benefit the entire cost center and are not allocable to any individual project. Included are costs for Ordinance Administration, Insurance and a general Administrative project. The total cost of all Administration Programs in the Zones and Water Utility are budgeted at a decrease of 4.9% compared with the 1979-80 fiscal year.

PLANNING Work within this program provides coordinated studies and planning activities to support the needs of the cost center. Also included in this program is labor to support the Planning Program for surveying, right of way engineering, and technical services. Major planning studies for the 1980-81 fiscal year are:

Cost Center	Project Title	Cost
North Central	Calabazas Creek	$ 67,528
North Central	San Tomas Aquino Creek	48,534
Central	Ross Creek	20,897
East	Coyote Creek	33,728
East	Waterways Planning Study	110,108
South	Public Law 566 (Upper)	33,451
South	Public Law 566 (Lower)	44,235
Source of Supply	Saltwater Intrusion Study	25,358
Source of Supply	Hydroelectric Study	42,229
Source of Supply	Calero Dam & Reservoir	118,519
Raw Water T&D	Maple Avenue Recharge Facility	41,325
Water Treatment	Penitencia Sludge Disposal	54,080
Water Treatment	Rinconada Water Treatment Plant	60,380

Admin. & General	Financial and Cash Flow Study	138,061
Admin. & General	Annual Water Conditions Report	42,685
Admin. & General	Water Reclamation Studies	78,777
Admin. & General	Groundwater Model	22,636
Admin. & General	Water Resouces Master Planning	409,716
Admin. & General	Water Quality Studies	109,654

CONSTRUCTION

The capital improvements budgets include the following major improvements to be initiated or completed in 1980-81. Details may be reviewed within the individual cost center texts.

Cost Center	Project Title	Cost
Northwest	San Francisquito Creek	$ 124,135
Northwest	Stevens Creek	4,319,660
North Central	San Tomas Aquino Creek	2,815,687
Central	Alamitos Creek	962,462
Central	Guadalupe River	11,878,777
Central	Ross Creek	925,784
East	Berryessa Creek	300,558
East	Silver Creek Lower	163,072
East	Thompson Creek	108,404
Source of Supply	Calero Dam & Reservoir	220,786
Raw Water T&D	Almaden Valley Pipeline	10,250,553
Raw Water T&D	Cross Valley Pipeline	10,885,777
Raw Water T&D	Page Distribution System	185,788
Water Treatment	Rinconada Water Treatment Plant	417,514

MAINTENANCE & OPERATIONS

Projects within these programs capture costs associated with the operations of all facilities for the water supply and for the maintenance of all constructed facilities and the equipment in the Flood Control Zones and Water Utility to maintain them in the original or improved condition.

DISTRICT SALARIES AND STAFFING

The following presents a comparison of actual salaries for fiscal year 1978-79, those approved in fiscal year 1979-80, and those requested for fiscal year 1980-81.

	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Permanent Position Salaries	$ 5,899,838	6,336,910	6,301,081	6,920,276
Temporary Employee Salaries	5,572			
Overtime Salaries	74,795	368,117	198,114	198,114
Total	$5,980,205	6,705,027	6,499,195	7,118,390

The following presents a comparison of the District staff for the past two years and that requested for the new fiscal year. Salaries for temporary employees are being administered by employment agencies.

			1980-81			
	1978-79	1979-80	Unfilled Positions	New Positions	Deleted Positions	Proposed Staffing
General Manager						
Authorized Positions	9	8				8
CETA Positions	2	0				0
General Counsel	1	1				1
Clerk of the Board	12	12				12
Administration and Finance	46	41	2		1 (c)	38
Data and Control Systems	17	17		1 (a)		18
Chief Engineer	2	2			2 (d)	0
Water Supply Planning	29	29	2			27
Design and Construction						
Authorized Positions	74	70	5			65
CETA Positions	1	0				0
Operations and Maintenance						
Authorized Positions	105	105		5 (b)	1 (e)	109
CETA Positions	11	2			2 (f)	0
Total Authorized Positions	309	287	9	6	6	278
Less CETA Positions	14	2	0		2	0
Net Positions	295	285	9	6	4	278

(a)	1	Junior Systems Engineer is requested by Systems Analysis Division
(b)	1	Engineering Technician II is requested by Maintenance Division
	1	Water Resources Technician I is requested by Operations Services Division
	1	Plant Equipment Mechanic II is requested by Operations Services Division
	1	Control Systems Technician is requested by Operations Services Division
	1	Plant Electrician is requested by Operations Services Division
(c)	1	Typist Clerk II is deleted
(d)	1	Chief Engineer is deleted
	1	Resources Engineer is deleted
(e)	1	Landscape Architect is deleted
(f)	2	Well Registration Trainees are deleted

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

REVENUE

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$38,190,737	41,662,428	37,277,530	49,349,000	50,657,877
Revenue Sources					
Property Taxes					
Secured	14,058,976	9,544,422	9,519,884	11,672,400	11,882,563
Unsecured	1,341,094	788,850	1,059,210	928,900	928,900
Delinquent	292,379	278,962	248,500	324,900	324,900
Interest	2,295,953	3,393,370	3,604,068	7,535,033	7,535,033
Agreements & Advances					
District Loan			2,450,000	364,506	364,506
City of Saratoga	22,646				
City of Milpitas	24,420				
Caltrans	81,518	29,009			
Property Rentals	60,003	71,344	59,347	68,667	68,667
City of Cupertino	4,800				
State Water Resources Control Board	99,909		277,148	215,062	215,062
County of Santa Clara		11,376			
City of Gilroy		43,448	58,502	57,341	57,341
Cupertino Sanitary District					
Environmental Protection Agency	599,451	359,438	1,662,891	955,998	955,998
SSCVWCD	7,465	1,873	171,996	30,618	30,618
NASA-Ames				120,000	120,000
City of Santa Clara	1,036,428	1,738,572			
CETA	232,996	169,834	66,401		
Association of Bay Area Governments	35,871				
Loma Prieta R.C.D.	186	749		1,000	1,000
City of San Jose & Santa Clara County				192,000	192,000
Water and Power Resources Service	1,248,031	15,625			
State of California		58,300			
Cities of Palo Alto & Menlo Park				110,000	110,000
Bond Sales	1,536,190		31,000,000		
Groundwater Charges	4,230,581	4,788,171	5,645,875	7,198,651	7,198,651
Surface Water Charges	121,257	106,116	130,000	152,025	152,025
Treated Water Charges	4,313,817	4,880,236	5,309,569	6,690,590	6,690,590
Reclaimed Water Charges	1,937	7,936	12,600	7,476	7,476
Sale of Assets	48,811	29,661	15,000	17,000	17,000
Miscellaneous	241,399	943,601	19,600	16,100	16,100
Total Revenue	31,936,118	27,260,893	61,310,591	36,658,267	36,868,430
Inter-Fund Adjustments	583,923	397,897	467,433	495,721	495,721
Total	$70,710,778	69,321,218	99,055,554	86,502,988	88,022,028

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

OUTLAY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
District Labor	$ 7,672,780	7,648,196	8,531,009	9,582,793	9,568,127
Contract Services	12,527,892	11,336,970	45,504,587	47,832,794	47,825,594
Land & Structures	3,037,220	2,749,518	5,439,737	3,679,700	3,679,700
Equipment	245,091	176,588	329,613	510,488	510,488
Subtotal	23,482,983	21,911,272	59,804,946	61,605,775	61,583,909
District Loan			2,450,000	364,506	364,506
Debt Service	3,506,376	3,936,940	3,879,300	6,554,398	6,554,398
Inter-Fund Adjustment	611,049	403,976	467,433	514,763	514,373
Total Expenditures	27,600,408	26,252,188	66,601,679	69,039,442	69,017,186
Potential Construction	3,367,907	3,577,051			
Replacement Appropriation	2,473,553	2,749,045	3,199,961	3,363,299	3,346,623
Major Facility Appropriation			12,197,873	2,003,354	2,171,742
In-County Distribution System Approp.			13,080,498	6,955,751	7,986,869
Inter-Fund Loan Appropriation			1,274,543	2,830,142	3,188,608
Contingency Appropriation	2,760,040	2,839,588	2,701,000	2,311,000	2,311,000
Total Appropriated	36,201,908	35,417,872	99,055,554	86,502,988	88,022,028
Balance End of Year	34,508,870	33,903,346			
Total	$ 70,710,778	69,321,218	99,055,554	86,502,988	88,022,028

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1980-81

REVENUE SUMMARY

	FLOOD CONTROL ZONES					WATER	DISTRICT	EQUIP. WORK	TOTAL
	Northwest	No. Central	Central	East	South	UTILITY		CAP. FUND	
Balance Beginning of Year	$ 3,899,378	2,837,812	12,275,918	853,280	0	24,799,699	4,632,466	1,359,324	50,657,877
Revenue Sources									
Property Taxes									
Secured	946,600	1,659,900	1,066,700	904,900	174,100	6,595,563	534,800		11,882,563
Unsecured	94,600	133,500	138,100	119,900	21,000	339,700	82,100		928,900
Delinquent	38,200	47,000	52,500	36,700	16,000	111,900	22,600		324,900
Interest	472,995	348,809	1,504,491	176,332	1,000	4,356,684	518,749	155,973	7,535,033
Agreements & Advances									
District Loan					364,506				364,506
Property Rental	51,000		9,455	300	4,012	3,900			68,667
Cities of Palo Alto & Menlo Park	110,000								110,000
NASA-Ames	120,000								120,000
City of San Jose & Santa Clara Co.			192,000						192,000
South SCVWCD					2,500	28,118			30,618
Loma Prieta R.C.D.					1,000				1,000
City of Gilroy						57,341			57,341
Grants						1,171,060			1,171,060
Groundwater Charges						7,198,651			7,198,651
Surface Water Charges						152,025			152,025
Treated Water Sales						6,690,590			6,690,590
Reclaimed Water Sales						7,476			7,476
Sales of Assets								17,000	17,000
Miscellaneous						6,100	10,000		16,100
Total Revenue	1,833,395	2,189,209	2,963,246	1,238,132	584,118	26,719,108	1,168,249	172,973	36,868,430
Inter-Fund Adjustment								495,721	495,721
Total	$ 5,732,773	5,027,021	15,239,164	2,091,412	584,118	51,518,807	5,800,715	2,028,018	88,022,028

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1980-81

OUTLAY SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
District Labor	$ 770,877	759,047	756,286	636,090	336,375	5,396,760	672,520	240,172	9,568,127
Contract Services	3,671,498	2,921,472	11,629,461	677,800	102,703	28,392,188	197,222	233,250	47,825,594
Land & Structures	601,400	29,100	2,112,700		31,800	800,000	104,700		3,679,700
Equipment						43,500	236,718	230,270	510,488
Subtotal	5,043,775	3,709,619	14,498,447	1,313,890	470,878	34,632,448	1,211,160	703,692	61,583,909
District Loan							364,506		364,506
Debt Service	234,959	732,915				5,586,524			6,554,398
Inter-Fund Adjustment	48,064	59,305	59,315	57,339	13,240	231,544	36,441	9,125	514,373
Total Expenditures	5,326,798	4,501,839	14,557,762	1,371,229	484,118	40,450,516	1,612,107	712,817	69,017,186
Replacement Appropriation						2,081,422		1,265,201	3,346,623
Major Facilities Appropriation	395,975	475,182	581,402	620,183	99,000				2,171,742
In-County Distribution Sys. Approp.						7,986,869			7,986,869
Inter-Fund Loan Appropriation							3,188,608		3,188,608
Contingency Appropriation	10,000	50,000	100,000	100,000	1,000	1,000,000	1,000,000	50,000	2,311,000
Total Appropriated	5,732,773	5,027,021	15,239,164	2,091,412	584,118	51,518,807	5,800,715	2,028,018	88,022,028
Balance End of Year									
Total	5,732,773	5,027,021	15,239,164	2,091,412	584,118	51,518,807	5,800,715	2,028,018	88,022,028

395,975
377,470
18,505

581,402
538,786
42,616

STATUS OF BONDED INDEBTEDNESS

	Total Amount Sold	Date of Issue	Interest Range	Outstanding as of 6/30/80	1980-81 Redemption Principal	1980-81 Redemption Interest	1980-81 Redemption Total
Northwest Zone							
Series A	$ 2,625,000	1/1/57	3.50 to 5.00%	825,000	100,000	27,125	127,125
Series B	2,304,000	7/1/58	1.50 to 5.00%	769,000	85,000	22,248	107,248
	4,929,000			1,594,000	185,000	49,373	234,373
North Central Zone							
Series A	4,000,000	1/1/64	.05 to 5.00%	2,480,000	130,000	75,477	205,477
Series B	5,000,000	7/1/65	.10 to 5.00%	3,225,000	165,000	96,251	261,251
Series C	3,750,000	8/1/73	.05 to 7.00%	3,390,000	70,000	194,358	264,358
	12,750,000			9,095,000	365,000	366,086	731,086
Water Utility							
Series A	15,500,000	1/1/64	3.60 to 5.00%	10,550,000	(1)	359,550	359,550
Series B	14,200,000	6/1/66	.05 to 5.00%	11,900,000	(1)	452,453	452,453
Series C	3,500,000	8/1/68	4.60 to 5.00%	3,050,000	(1)	138,883	138,883
Series D	8,850,000	3/1/72	2.50 to 7.00%	8,220,000	100,000	451,480	551,480
	42,050,000			33,720,000	100,000	1,402,366	1,502,366
Revenue Bonds							
Series A	2,000,000	6/1/78	4.60 to 6.60%	1,260,000	400,000	59,910	459,910
Series B	21,000,000	4/1/80	8.25 to 10.00%	21,000,000	320,000	2,308,594	2,628,594
	23,000,000			22,260,000	720,000	2,368,504	3,088,504
1972 Refunding	5,815,000	6/1/72	4.75%	1,870,000	760,000	88,825	848,825
SCVWCD - 7th Issue	3,000,000	7/1/57	3.25 to 5.00%	360,000	120,000	11,250	131,250
Combined Total	$ 91,544,000			68,899,000	2,250,000	4,286,404	6,536,404

(1) Was redeemed by Bank of America Escrow Agreement

FLOOD CONTROL ZONES

NORTHWEST

NORTH CENTRAL

CENTRAL

EAST

SOUTH

NORTHWEST ZONE

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 3,625,120	4,593,800	3,978,184	3,684,000	3,899,378
Revenue Sources					
Property Taxes	1,879,725	942,458	1,014,719	1,079,400	1,079,400
Interest	226,745	279,907	396,730	472,995	472,995
Agreements and Advances	99,956	50,226	45,900	281,000	281,000
Other	542	75,083			
Total Revenue Sources	2,206,968	1,347,674	1,457,349	1,833,395	1,833,395
Total Available	$ 5,832,088	5,941,474	5,435,533	5,517,395	5,732,773

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 156,095	157,936	156,399	153,380	153,380
Planning	289,318	92,723	32,309	19,336	19,336
Construction	346,281	714,437	2,212,577	4,645,427	4,645,427
Maintenance	197,950	216,961	267,295	273,696	273,696
Total Program Outlay	989,644	1,182,057	2,668,580	5,091,839	5,091,839
Debt Service	248,644	242,256	241,344	234,959	234,959
Major Facility Appropriation			2,375,609	180,597	395,975
Contingency Appropriation	149,840	150,000	150,000	10,000	10,000
Total Appropriated	1,388,128	1,574,313	5,435,533	5,517,395	5,732,773
Balance End of Year	4,443,960	4,367,161			
Total	$ 5,832,088	5,941,474	5,435,533	5,517,395	5,732,773

BACKGROUND INFORMATION

The Northwest Zone is defined by geographic boundaries encompassing the tributaries and watersheds of San Francisquito Creek, Matadero Creek, Barron Creek, Adobe Creek, Stevens Creek and Permanente Creek. Also included in this zone is Stevens Creek Reservoir. The geographic area includes the Cities of Palo Alto, Los Altos, Los Altos Hills and Mountain View and portions of Cupertino and Sunnyvale.

Administration Program

This program includes Ordinance Administration, Insurance, and Administrative Projects. This program shows a decrease of $3,019 from the preceding year.

Planning Program

The funds budgeted in this program are to provide for the continuation of the San Francisco Bay Shoreline Planning Study, continuation of the first phase of the Districtwide waterways planning study including preparation of waterways plans within the hydrologic zones, and engineering services. The budgeted amount of $19,336 reflects a $12,973 decrease compared to the preceding fiscal year. Planning projects are:

San Francisco Bay Shoreline Study — $1,450

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $13,951

This project continues the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Tax revenues for flood control purposes have been substantially reduced. The primary purpose of this effort would be to identify the total flood and related problems and a course of action for achieving flood damage reduction within reduced financing capabilities.

Engineering Services — $3,935

This project provides labor to support the Planning Program within the Northwest Zone for surveying and technical services.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $4,645,427 includes the following projects:

Ordinance Administration — $17,046

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Permanente Diversion Channel $35,633

This project consists of completing the plans and specifications and starting construction on the Permanente Diversion Channel between Permanente Creek and Highway 85 and flood proofing of El Camino Hospital. This project has the highest priority in the Northwest Zone.

Permanente Creek $11,561

This project provides for the preparation of plans and specifications on Stage #1 of Permanente Creek between Portland Avenue and Hale Creek. It also includes payment for flood control easements acquired in 1978.

San Francisquito Creek $124,135

This is a joint project with the Cities of Menlo Park and Palo Alto to improve the area 1,000 feet upstream from Waverly Avenue. The District's share of costs is for design and inspection. Construction and other related costs will be borne by the two cities.

Stevens Creek $4,319,660

This is a continuing project started in 1978-79 and provides for the purchase of property subject to potential bank failure of Stevens Creek along Diericx Drive. The project also consists of preparation of plans and specifications and construction and land acquisition on Stevens Creek between Homestead Road and the Bay.

Engineering Services $137,392

This project provides labor to support the Construction Program within the Northwest Zone for surveying, right of way engineering, and technical services.

Maintenance Program

Funds budgeted in this project provide normal maintenance requirements within the Cost Center. The total amount of $273,696 budgeted in this program reflects a $6,401 increase compared with the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM				Project Totals
	Administration	Planning	Construction	Maintenance	
Ordinance Administration	$ 79,390		17,046		96,436
San Francisco Bay Shoreline Study		1,450			1,450
Waterways Planning Study		13,951			13,951
Insurance	33,242				33,242
Administrative Projects	40,748				40,748
Permanente Diversion Channel			35,633		35,633
Permanente Creek			11,561		11,561
San Francisquito Creek			124,135		124,135
Stevens Creek			4,319,660		4,319,660
Northwest Zone - Maintenance				273,696	273,696
Engineering Services		3,935	137,392		141,327
Total	$ 153,380	19,336	4,645,427	273,696	5,091,839

NORTH CENTRAL ZONE

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 5,628,201	5,794,635	2,539,148	2,840,000	2,837,812
Revenue Sources					
Property Taxes	2,605,762	1,503,903	1,570,420	1,840,400	1,840,400
Interest	316,523	429,973	472,172	348,809	348,809
Agreements and Advances	1,063,874	1,761,604			
Other	1,818	9,406	200,100		
Total Revenue Sources	3,987,977	3,704,886	2,242,692	2,189,209	2,189,209
Total Available	$ 9,616,178	9,499,521	4,781,840	5,029,209	5,027,021

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 195,125	200,676	198,665	189,278	189,278
Planning	78,660	79,822	35,032	147,513	147,513
Construction	2,447,754	2,113,000	2,886,455	2,972,956	2,972,956
Maintenance	350,830	490,802	559,993	459,177	459,177
Total Program Outlay	3,072,369	2,884,300	3,680,145	3,768,924	3,768,924
Debt Service	749,174	750,928	743,347	732,915	732,915
Major Facility Appropriation			308,348	477,370	475,182
Contingency Appropriation	250,000	100,000	50,000	50,000	50,000
Total Appropriated	4,071,543	3,735,228	4,781,840	5,029,209	5,027,021
Balance End of Year	5,544,635	5,764,293			
Total	$ 9,616,178	9,499,521	4,781,840	5,029,209	5,027,021

BACKGROUND INFORMATION

The North Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe Slough, Sunnyvale West Outfall, Sunnyvale East Outfall, Calabazas Creek, San Tomas Aquino Creek and Saratoga Creek. The geographic area includes the City of Saratoga and portions of the Cities of Sunnyvale, Santa Clara, Campbell, Cupertino, Monte Sereno, San Jose and the Town of Los Gatos.

Administration Program

This program includes Ordinance Administration, Insurance, and Administrative Projects. This program reflects a $9,387 decrease compared to the amount budgeted in 1979-80.

Planning Program

The funds budgeted in this program provide for various planning studies for the preparation of hearing plans, environmental impact reports and certain special studies. The budgeted amount of $147,513 includes the following projects:

San Francisco Bay Shoreline Study $1,450

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $13,951

This project continues the first phase of a Waterways Planning Study to develop a master plan to optimize available funds for flood control work. Phase II will be the preparation of reports for individual watershed basins.

Calabazas Creek $67,528

This scope of work was requested by the City of Saratoga and will result in a draft engineer's report on the reach from Wardell Road to Prospect Road. It also provides for the investigation of erosion damage at various locations on the creek.

San Tomas Aquino Creek $48,534

This is a continuation of work started in 1979-80 and results in completion of a planning study on the reach from Williams Road to a box culvert about 680 feet upstream of the confluence with Saratoga Creek.

Saratoga Creek $9,493

This project provides funds for completion of the planning study for the reach from Lawrence Expressway to Cabrillo Avenue. The City of Santa Clara requested a financial evaluation study to deal with erosion and flood problems within that area.

Engineering Services $6,557

This project provides labor to support the Planning Program within the North Central Zone for surveying and technical services.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $2,972,956 includes the following projects:

Ordinance Administration $27,115

This project provides labor needed to review, condition, and inspect construction of flood control projects.

Calabazas Creek $22,850

This project provides funds to pay for an easement and a right of way acquired in 1978 under the dedication policy.

San Tomas Aquino Creek $2,815,687

This project provides for correction of flood protection measures on San Tomas Aquino Creek from Bayshore to downstream of Agnew Road. This work consists primarily of correcting erosion problems resulting from February 1980 high flows. Also budgeted are funds for the preparation of plans and specifications and the start of construction on San Tomas Aquino Creek between its confluence with Saratoga Creek and Bayshore Freeway.

Saratoga Creek $30,261

This project provides funds for the completion of construction on Saratoga Creek from Cabrillo Avenue to San Tomas Aquino Creek.

Wildcat Creek $6,250

This project provides funds for payment of flood control easements acquired in 1978.

Engineering Services $70,793

This project provides labor to support the Construction Program within the North Central Zone for surveying, right of way engineering, and technical services.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. The total amount of $459,177 budgeted in this program reflects a $100,816 decrease compared with the previous year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM				Project Totals
	Administration	Planning	Construction	Maintenance	
Ordinance Administration	$ 105,392		27,115		132,507
San Francisco Bay Shoreline Study		1,450			1,450
Waterways Planning Study		13,951			13,951
Insurance	42,753				42,753
Administrative Projects	41,133				41,133
Calabazas Creek		67,528	22,850		90,378
San Tomas Aquino Creek		48,534	2,815,687		2,864,221
Saratoga Creek		9,493	30,261		39,754
Wildcat Creek			6,250		6,250
North Central Zone - Maintenance				459,177	459,177
Engineering Services		6,557	70,793		77,350
Total	$ 189,278	147,513	2,972,956	459,177	3,768,924

CENTRAL ZONE

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 10,648,259	11,698,597	11,965,932	12,316,000	12,275,918
Revenue Sources					
Property Taxes	2,493,032	1,105,868	1,172,896	1,257,300	1,257,300
Interest	668,879	975,766	1,041,223	1,504,491	1,504,491
Agreements and Advances		443,955	8,380	201,455	201,455
Other	8,581	2,069	1,000		
Total Revenue Sources	3,170,492	2,527,658	2,223,499	2,963,246	2,963,246
Total Available	$ 13,818,751	14,226,255	14,189,431	15,279,246	15,239,164

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 290,653	260,556	251,885	188,404	188,404
Planning	158,144	12,600	23,292	56,809	56,809
Construction	1,401,654	1,599,116	4,279,337	13,938,636	13,938,636
Maintenance	269,703	278,057	331,233	373,913	373,913
Total Program Outlay	2,120,154	2,150,329	4,885,747	14,557,762	14,557,762
Debt Service					
Major Facility Appropriation			8,903,684	621,484	581,402
Contingency Appropriation	574,568	500,000	400,000	100,000	100,000
Total Appropriated	2,694,722	2,650,329	14,189,431	15,279,246	15,239,164
Balance End of Year	11,124,029	11,575,926			
Total	$ 13,818,751	14,226,255	14,189,431	15,279,246	15,239,164

BACKGROUND INFORMATION

The Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe River. The major tributaries are Los Gatos Creek, Canoas Creek, Ross Creek, Guadalupe Creek and Alamitos Creek. Also included in this zone are Calero, Almaden, Guadalupe, Lexington and Vasona Reservoirs. The geographic area includes portions of the Cities of Santa Clara, San Jose, Campbell, Monte Sereno and the Town of Los Gatos.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $13,938,636 includes the following projects:

Ordinance Administration — $31,076

This project provides labor needed to review, condition, and inspect construction of flood control projects.

Alamitos Creek — $962,462

This project provides for completion of construction of flood protection measures on Alamitos Creek between Guadalupe River and Camden Avenue plus cost of revegetation on the reach from Camden Avenue to Almaden Lake Park. Design was completed in 1978-79 and construction was delayed into 1979-80 until the Graystone Lane Bridge site location was resolved. Construction of the bridge will be completed in fiscal year 1980-81. The City of San Jose and County of Santa Clara will share the cost of this work with the District.

Guadalupe River — $11,878,777

This project provides funds for advanced right of way acquisition and local share of construction costs for the U. S. Corps of Engineers' Guadalupe River Project between Highway 17 and Curtner Avenue. It also provides funds for land acquisition under the District's dedication policy and for finalization of land rights with SPRR and others for the relocation of railroad track in the vicinity of Gold Street and the Guadalupe River. Plans, specifications, and construction of a levee raising project from the SPRR (Alviso) to Trimble Road are included.

Ross Creek — $925,784

This project provides funds for replacing inadequate bridges on Ross Creek; one at Cherry Avenue and the other at Jarvis Avenue.

Engineering Services — $140,537

This project provides labor to support the Planning Program within the Central Zone for surveying, right of way engineering, and technical services.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. The budgeted amount of $373,913 shows an increase of $42,680 compared with the previous year. This includes about $13,000 routine landscape maintenance.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM				Project Totals
	Administration	Planning	Construction	Maintenance	
Ordinance Administration	$ 123,691		31,076		154,767
Guadalupe River C of E Study		17,889			17,889
San Francisco Bay Shoreline Study		1,450			1,450
Waterways Planning Study		13,951			13,951
Insurance	23,792				23,792
Administrative Projects	40,921				40,921
Alamitos Creek			962,462		962,462
Guadalupe River			11,878,777		11,878,777
Ross Creek		20,897	925,784		946,681
Central Zone - Maintenance				373,913	373,913
Engineering Services		2,622	140,537		143,159
Total	$ 188,404	56,809	13,938,636	373,913	14,557,762

EAST ZONE

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 2,310,250	3,327,199	1,555,226	858,000	853,280
Revenue Sources					
Property Taxes	2,187,728	884,903	990,309	1,061,500	1,061,500
Interest	143,793	216,135	62,956	176,332	176,332
Agreements and Advances	24,420	33,648	300	300	300
Other	35,157	1,203	500		
Total Revenue Sources	2,391,098	1,135,889	1,054,065	1,238,132	1,238,132
Total Available	$ 4,701,348	4,463,088	2,609,291	2,096,132	2,091,412

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 248,308	267,658	279,191	210,340	210,340
Planning	194,124	26,715	126,797	162,689	162,689
Construction	643,614	2,269,304	1,359,872	665,939	665,939
Maintenance	288,103	245,732	256,939	332,261	332,261
Total Program Outlay	1,374,149	2,809,409	2,022,799	1,371,229	1,371,229
Debt Service					
Major Facility Appropriation			436,492	624,903	620,183
Contingency Appropriation	100,000	250,000	150,000	100,000	100,000
Total Appropriated	1,474,149	3,059,409	2,609,291	2,096,132	2,091,412
Balance End of Year	3,227,199	1,403,679			
Total	$ 4,701,348	4,463,088	2,609,291	2,096,132	2,091,412

BACKGROUND INFORMATION

The East Zone is defined by geographic boundaries encompassing the tributaries and watersheds of Coyote Creek. The major tributaries are Lower Penitencia Creek, Scott Creek, Berryessa Creek, Upper Penitencia Creek, Silver Creek, Thompson Creek, Fisher Creek and Packwood Creek. Also included in this zone are Anderson and Coyote Reservoirs. The geographic area includes the City of Milpitas and portions of the Cities of San Jose and Morgan Hill.

Administration Program

This program includes Ordinance Administration, Insurance, and Administrative Projects. This program shows a $68,851 decrease compared to the preceding year.

Planning Program

Funds budgeted in the program provide for all planning studies, preparation of hearing plans and environmental impact reports. The budgeted amount of $162,689 reflects an increase of $35,892 compared to the amount appropriated in fiscal year 1979-80. Planning projects are:

San Francisco Bay Shoreline Study — $1,463

This study will provide for liaison with a proposed Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $13,951

This project is the first phase of a Waterways Planning Study to develop a master plan to optimize available funds for flood control work.

Waterways Planning Study - Phase II — $96,157

Phase II will include a detailed analysis of the flood and related problems in the zone.

Coyote Creek — $33,728

This scope is requested to investigate the erosion damage and overbanking problems observed at various locations along Coyote Creek and tributary streams. Erosion problems were severe enough in the February 1980 storm to justify this study.

Silver Creek - Lower — $8,211

This project provides for the nonreimbursable coordination and liaison work on the proposed Lower Silver Creek Watershed Project. The Soil Conservation Service will be conducting the Watershed Planning Study. This is the second highest prioritized project in this zone.

Engineering Services $9,179

This project provides for labor to support the Planning Program within the East Zone for surveying and technical services.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement of the life or value of existing physical assets. The budgeted amount of $665,939 includes the following projects:

Ordinance Administration $42,775

This project provides labor needed to review, condition, and inspect construction of flood control projects.

Berryessa Creek $300,558

This is a continuing project requiring funds for construction on Berryessa Creek. The work is on that portion between Cropley Avenue and Route 680.

Silver Creek - Lower $163,072

Funds are required to pay the City of San Jose for the District's share of removing and replacing the Sunset Avenue Bridge. This agreement received Board approval on November 6, 1979.

Thompson Creek $108,404

This project provides for completion of construction on Thompson Creek from Norwood Creek to Aborn Road. Also, this project provides funds for installation of plant materials from Quimby Creek to future Tully Road.

Engineering Services $51,130

This project provides labor to support the Construction Program within the East Zone for surveying, right of way engineering, and technical services.

Maintenance Program

Funds budgeted in this program provide for the normal maintenance requirements within the Cost Center amount to $332,261. This is an increase of $75,322 compared with the previous year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM				Project Totals
	Administration	Planning	Construction	Maintenance	
Ordinance Administration	$ 144,111		42,775		186,886
San Francisco Bay Shoreline Study		1,463			1,463
Waterways Planning Study		13,951			13,951
Waterways Planning Study-Phase II		96,157			96,157
Insurance	27,999				27,999
Administrative Projects	38,230				38,230
Berryessa Creek			300,558		300,558
Coyote Creek		33,728			33,728
Silver Creek - Lower		8,211	163,072		171,283
Thompson Creek			108,404		108,404
East Zone - Maintenance				332,261	332,261
Engineering Services Project		9,179	51,130		60,309
Total	$ 210,340	162,689	665,939	332,261	1,371,229

SOUTH ZONE

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 267,880	275,020	130,097	0	0
Revenue Sources					
Property Taxes	405,018	169,122	181,975	211,100	211,100
Interest	17,532	21,965	6,700	1,000	1,000
Agreements and Advances	651	8,889	4,767	7,512	7,512
Other	24,274	24,929	2,250,000	364,506	364,506
Total Revenue Sources	447,475	224,905	2,443,442	584,118	584,118
Total Available	$ 715,355	499,925	2,573,539	584,118	584,118

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 348,276	156,491	132,081	146,595	146,595
Planning	23,338	51,916	55,464	120,127	120,127
Construction	25,948	63,278	2,075,439	131,844	131,844
Maintenance	42,773	84,946	135,815	85,552	85,552
Total Program Outlay	440,335	356,631	2,398,799	484,118	484,118
Debt Service					
Major Facility Appropriation			173,740	99,000	99,000
Contingency Appropriation		1,000	1,000	1,000	1,000
Total Appropriated	440,335	357,631	2,573,539	584,118	584,118
Balance End of Year	275,020	142,294			
Total	$ 715,355	499,925	2,573,539	584,118	584,118

BACKGROUND INFORMATION

The South Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Pajaro River in Santa Clara County. The major tributaries are Little Llagas Creek, Llagas Creek, West Branch of the Llagas Creek, Uvas-Carnadero Creek, Pescadero Creek, and Pacheco Creek. The zone includes the City of Gilroy and portions of the Cities of San Jose and Morgan Hill. During 1979-80, it was necessary for the District to loan the South Zone approximately $155,000. In 1980-81, an additional loan of $364,506 will be required. This amount will provide the Zone with an ending cash balance on June 30, 1981 of $100,000.

Administration Program

This program includes Ordinance Administration, Insurance, and Administrative Projects. The budgeted amount of $146,595 shows a $14,514 increase compared to the preceding year.

Planning Program

Funds budgeted in this program provide for the various planning studies, preparation of hearing plans and environmental impact reports. The budgeted amount of $120,127 reflects a $64,663 increase compared to the preceding year. Planning projects are:

Pajaro River, Corps of Engineers' Study — $7,500

This project provides for liaison with the Corps of Engineers in their study of the Upper Pajaro River Basin, particularly the Uvas-Carnadero Creek area.

Waterways Planning Study — $13,965

This project continues the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Tax revenues for flood control purposes have been substantially reduced. The primary purpose of this effort is to identify the total flood and related problems and a course of action for achieving flood damage reduction within reduced financing capabilities.

Public Law 566 (Upper) — $33,451

This project provides for nonreimbursable funds required to coordinate work with State, Federal and local agencies relative to planning of environmentally acceptable projects on the Upper Llagas Creek.

Public Law 566 (Lower) — $44,235

This project provides for nonreimbursable funds required to coordinate work with State, Federal and local agencies relative to planning of environmentally acceptable projects on the Lower Llagas Creek.

Engineering Services — $20,976

This project provides for labor to support the Planning Program within the South Zone for surveying and technical services.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $131,844 is required for the following projects:

Ordinance Administration $20,012

This project provides labor needed to review, condition, and inspect construction of flood control projects.

Uvas-Carnadero Creek $1,800

This project provides funds for the payment of a flood control easement acquired in 1977.

Upper Llagas Creek Watershed Project $11,341

This project provides payment for reimbursable items relating to right of way acquisition, and relocation of bridges and utilities on this project.

Lower Llagas Creek Watershed Project $79,025

This project provides for payment for reimbursable coordination work and other reimbursable expenses relating to right of way acquisition and relocation of bridges and utilities on this project. Also, funds are budgeted this year to complete plans and specifications and start channel construction on Lower Llagas Creek (Reach 2) and the reach from Highway 152 downstream to 1,700 feet upstream of Bloomfield Road.

Engineering Services $19,666

This project provides labor to support the Construction Program within the South Zone for surveying, right of way engineering, and technical services.

Maintenance Program

Funds budgeted in this program provide for the normal maintenance requirements within the Cost Center. The budgeted amount of $85,552 shows a decrease of $50,263 compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM Administration	Planning	Construction	Maintenance	Project Totals
Ordinance Administration	$ 99,739		20,012		119,751
Pajaro River C of E Study		7,500			7,500
Waterways Planning Study		13,965			13,965
Insurance	22,746				22,746
Administrative Projects	24,110				24,110
Uvas-Carnadero Creek			1,800		1,800
Upper Llagas Ck Watershed Project			11,341		11,341
Lower Llagas Ck Watershed Project			79,025		79,025
Public Law 566 (Upper)		33,451		21,441	54,892
Public Law 566 (Lower)		44,235			44,235
South Zone - Maintenance				64,111	64,111
Engineering Services Project		20,976	19,666		40,642
Total	$ 146,595	120,127	131,844	85,552	484,118

WATER UTILITY

SOURCE OF SUPPLY

RAW WATER TRANSMISSION & DISTRIBUTION

WATER TREATMENT

TREATED WATER TRANSMISSION & DISTRIBUTION

ADMINISTRATION AND GENERAL

The Water Utility is operated on an Enterprise Fund Basis. Revenue is derived from water sales and from ad valorem taxes allocated by the County Controller as provided by law. These taxes pay part of the expense for recreational benefits derived from District reservoirs and they pay part of the cost of water purchased from the State Water Project. These are deemed to be general benefits and they provide a supplemental supply of water to Santa Clara County.

A portion of the ad valorem tax is refunded by the District directly to the Cities of Palo Alto, Mountain View, Sunnyvale, Milpitas, Santa Clara, San Jose and to Stanford University and the Purissima Hills Water District. Each of these entities purchase imported water from the City and County of San Francisco's Hetch Hetchy Water Supply System.

A $56,000,000 Revenue Bond issue was approved by the voters in May 1977. Series A, consisting of $2,000,000 in bonds was sold in June 1978. Series B, consisting of $21,000,000 in bonds was sold in April of 1980. The proceeds from this sale of revenue bonds will be used primarily to construct the Almaden Valley Pipeline and the Cross Valley Pipeline.

The major sources of water supply income are from charges levied on all groundwater extracted within Zone W-2 of the District and from the sale of approximately 74,000 acre-feet of treated water. Groundwater production for this fiscal year is an estimated 152,000 acre-feet for nonagricultural purposes and 16,000 acre-feet for use by agriculture. Other water charges will be made for surface water diversion and the sale of reclaimed water in the Palo Alto and Gilroy areas.

The water zones within the Water Utility Enterprise and a brief description of each follows:

Zone W-2 This zone encompasses the Santa Clara Valley Groundwater Basin north of Metcalf Road. It includes those groundwater producing facilities that benefit from the recharge of the basin with local and imported water. A charge is levied for all groundwater extracted within this zone.

Zone W-3 This zone encompasses the land within the Coyote and Llagas Groundwater Basins in the area of Metcalf Road on the north to just south of the City of Morgan Hill. Part of the Countywide property tax within the one percent limit is allocated to this zone. Sub-zones identified as W-3.1, 3.2, 3.3 and 3.5 are local areas within the total Zone W-3 and groundwater charges are levied for water extracted within these areas.

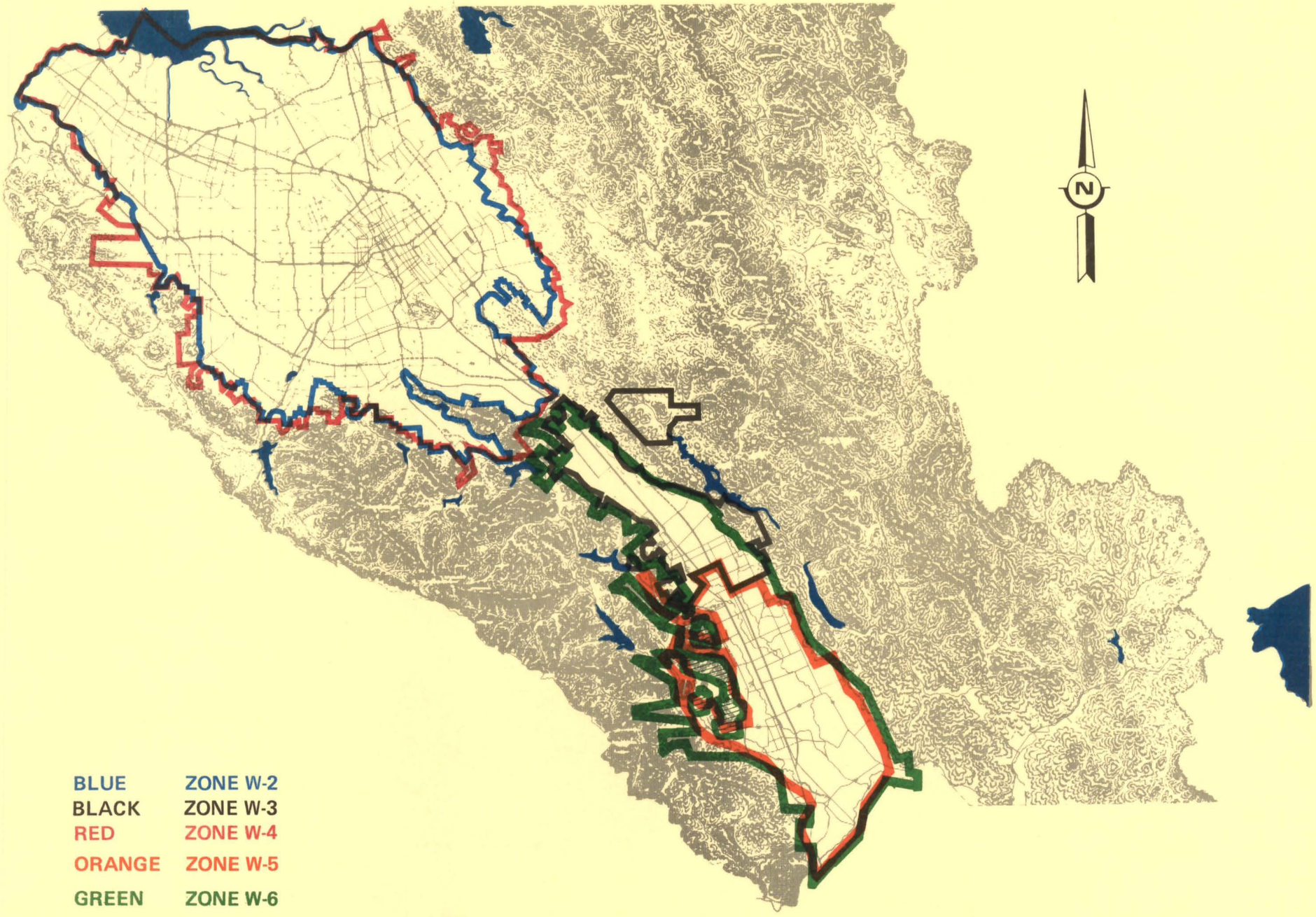
Zone W-4 This zone contains all of Zone W-2 and lands outside Zone W-2 that use or otherwise benefit from locally conserved water and from the importation and distribution of water from the South Bay Aqueduct. This area also receives an allocation of the Countywide tax levied and is used to pay for the cost of water to recover the accumulated overdraft, control land surface subsidence and sustain the emergency supply of water.

Zone W-5 This zone is comprised of the entire groundwater basin from Metcalf Road south to the Pajaro River. However, for the year 1980-81 no groundwater extraction charge will be levied and the requirement for filing production statements has been waived.

Zone W-6 This zone is comprised of the area of the South Santa Clara Valley Water Conservation District. However, for 1980-81 no groundwater extraction charge will be levied and the requirement for filing water production statements has been waived.

Under uniform accounting practices adopted by the State, it is necessary to divide expenditures of the Water Utility Enterprise into various categories called cost centers. These cost centers are Source of Supply, Raw Water Transmisison and Distribution, Water Treatment, Treated Water Transmission and Distribution, and Administration and General. Appropriations for each of these cost centers are shown separately.

WATER UTILITY ZONES



REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 10,720,472	11,642,627	11,194,195	24,001,000	24,799,699
Revenue Sources					
Property Taxes	4,905,089	5,475,369	5,301,121	6,837,000	7,047,163
Interest	622,411	952,199	1,109,350	4,356,684	4,356,684
Agreements and Advances	1,947,391	453,963	2,170,537	1,256,519	1,256,519
Groundwater Charges	4,230,582	4,788,171	5,645,875	7,198,651	7,198,651
Surface Water Charges	121,257	106,116	130,000	152,025	152,025
Reclaimed Water Sales		7,919	12,600	7,476	7,476
Treated Water Sales	4,313,817	4,880,236	5,309,569	6,690,590	6,690,590
Bond Sales	1,536,190		31,000,000		
Miscellaneous	266,143	130,387	13,000	10,000	10,000
Total Revenue Sources	17,942,880	16,794,360	50,692,052	26,508,945	26,719,108
Total Available	$ 28,663,352	28,436,987	61,886,247	50,509,945	51,518,807

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 1,201,942	1,027,004	1,095,811	1,101,766	1,101,766
Planning	830,310	868,734	1,115,518	1,224,199	1,224,199
Construction	4,980,052	4,486,295	34,416,515	23,793,208	23,793,208
Maintenance	1,419,318	1,247,262	1,717,585	1,863,567	1,841,311
Operations	6,080,543	5,100,445	4,683,514	6,903,508	6,903,508
Total Program Outlay	14,512,165	12,729,740	43,028,943	34,886,248	34,863,992
Debt Service	2,508,559	2,943,485	2,894,609	5,586,524	5,586,524
Replacement Appropriation	1,405,341	1,519,927	1,882,197	2,081,422	2,081,422
In-County Distribution System Approp			13,080,408	6,955,751	7,986,869
Contingency Appropriation	482,607	693,588	1,000,000	1,000,000	1,000,000
Total Appropriated	18,908,672	17,886,740	61,886,247	50,509,945	51,518,807
Balance End of Year	9,754,680	10,550,247			
Total	$ 28,663,352	28,436,987	61,886,247	50,509,945	51,518,807

COST CENTER EXPENDITURE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Source of Supply	$ 9,088,817	5,670,250	5,772,059	6,790,984	6,747,148
Raw Water T&D	1,768,891	2,492,333	32,540,028	23,140,332	23,140,332
Water Treatment	1,949,999	2,193,247	2,316,683	3,037,819	3,059,399
Treated Water T&D	558,068	884,524	871,812	546,048	546,048
Administration & General	1,146,390	1,489,386	1,528,361	1,371,065	1,371,065
Total	$ 14,512,165	12,729,740	43,028,943	34,886,248	34,863,992

PROGRAM EXPENDITURE SUMMARY

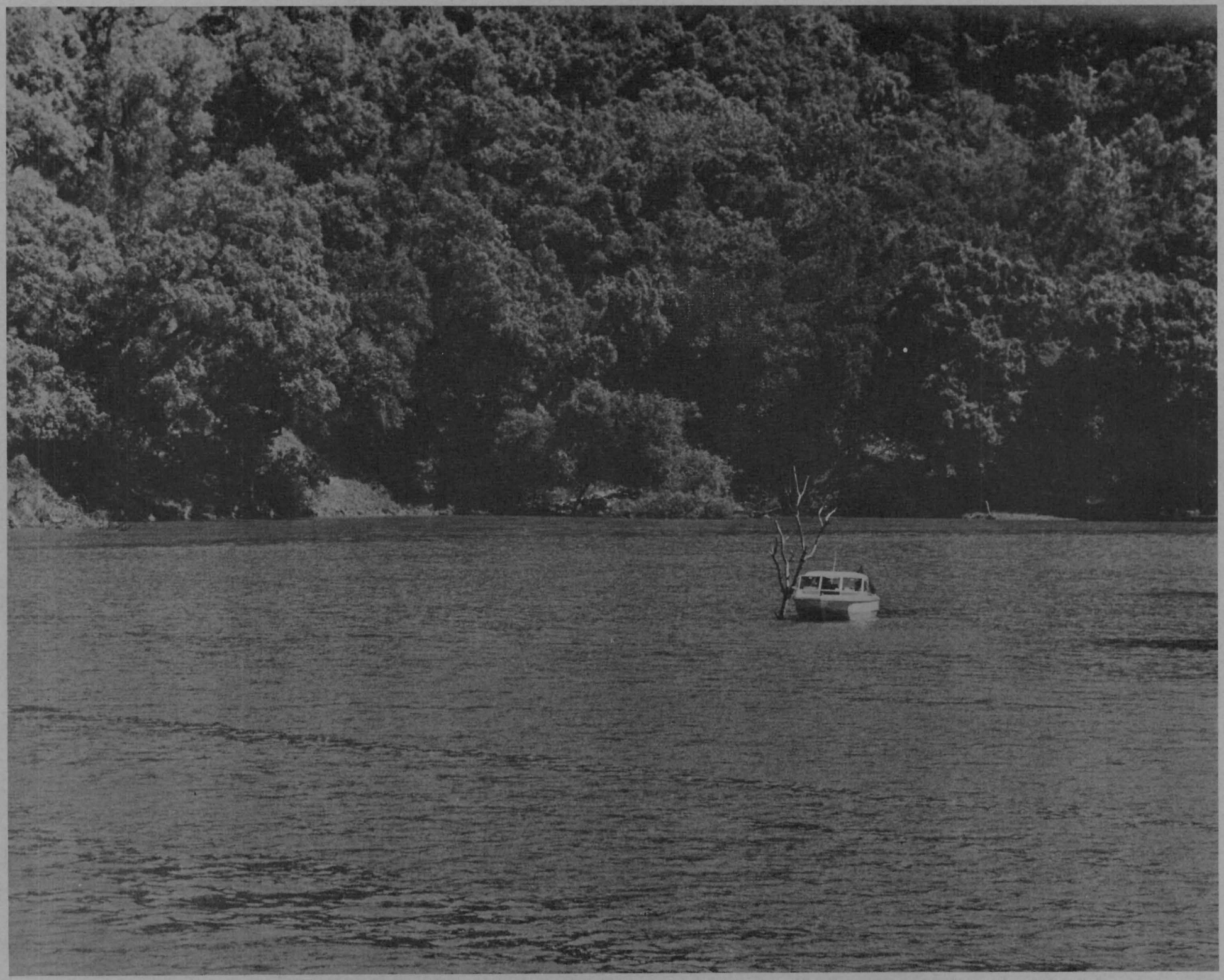
	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 1,201,944	1,027,004	1,095,811	1,101,766	1,101,766
Planning	830,309	868,734	1,115,518	1,224,199	1,224,199
Construction	4,980,052	4,486,295	34,416,515	23,793,208	23,793,208
Maintenance	1,419,317	1,247,262	1,717,585	1,863,567	1,841,311
Operations	6,080,543	5,100,445	4,683,514	6,903,508	6,903,508
Total	$ 14,512,165	12,729,740	43,028,943	34,886,248	34,863,992

WATER UTILITY RATE SUMMARY

	1977-78	1978-79	1979-80	1980-81
Groundwater				
Agricultural	$ 8.50	9.75	11.00	13.50
Nonagricultural	34.00	39.00	44.00	54.00
Treated Water				
Contract (Scheduled)	75.00	80.00	85.00	95.00
Non-Contract	46.00	53.00	60.00	70.00
Untreated Water (Surface & Contract)				
Agricultural	8.50	9.75	11.00	13.50
Nonagricultural	34.00	39.00	44.00	54.00
Water Master	5.75	6.50	6.50	6.50
Power (Evergreen System)	18.50	18.50	19.00	19.00
Half Road/Coyote Madrone System		3.75	10.00	10.00
Minimum Charge	26.00	30.00	33.00	39.00
W-3 (Water Master Only)	5.75	6.50	6.50	6.50
Capital Cost		2.75	2.75	2.75
Reclaimed Water				
Palo Alto Reclamation Facility				
Basic User Charge				
Agricultural	8.50	9.75	11.00	13.50
Nonagricultural	34.00	39.00	44.00	54.00
Water Master Service Charge	5.75	6.50	6.50	6.50
Power Charge	2.00	2.00	2.00	2.00
Gilroy Reclamation Facility				
Agricultural	10.00	10.00	10.00	10.00
Nonagricultural	40.00	40.00	40.00	40.00

WATER UTILITY TAX REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Water Fund					
Secured	$ 3,671,531	1,337,000	1,468,719	1,634,900	1,845,063
Unsecured	72,923	197,478	245,217	206,400	206,400
Delinquent	82,654	62,397	77,000	87,600	87,600
Total	3,827,108	1,596,875	1,790,936	1,928,900	2,139,063
Zone W-3					
Secured	130,909	49,325	59,984	66,800	66,800
Unsecured	57	6,694	9,593	8,000	8,000
Delinquent	19,985	3,969	6,000	6,300	6,300
Total	150,951	59,988	75,577	81,100	81,100
Zone W-4					
Secured	888,872	323,201	353,933	393,700	393,700
Unsecured	19,009	47,882	59,264	49,900	49,900
Delinquent	16,091	14,338		18,000	18,000
Total	923,972	385,421	413,197	461,600	461,600
State Water Project					
Secured			795,573	1,875,000	1,875,000
Debt Service					
W-1, Secured		3,236,930	2,089,917	2,283,600	2,283,600
W-1, Unsecured			66,222	75,200	75,200
SCVWCD, Secured		199,151	69,501	131,400	131,400
SCVWCD, Unsecured			198	200	200
CSCVWCD					
Secured	2,721				
Unsecured	2				
Delinquent	335				
Total	3,058	3,436,081	2,225,838	2,490,400	2,490,400
TOTAL ALL FUNDS	$ 4,905,089	5,478,365	5,301,121	6,837,000	7,047,163



SOURCE OF SUPPLY

BACKGROUND INFORMATION

The Source of Supply Cost Center is the first of five cost centers which make up the Water Utility Enterprise. The budget for this Cost Center contains all of the anticipated expenditures relating to obtaining and producing a supply of water including all conservation and importation costs.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 899,182	325,240	677,342	777,662	777,662
Planning	73,915	61,643	150,224	228,469	228,469
Construction	4,016,438	457,821	2,597,086	1,771,962	1,771,962
Maintenance	380,898	137,215	441,963	424,368	380,532
Operations	3,718,384	99,490	1,905,444	3,588,523	3,588,523
	$9,088,817	1,081,409	5,772,059	6,790,984	6,747,148

Administration Program

Significant projects within this program include Ordinance Administration, In-County Credit, Water Reclamation, State Water Project, and the Federal Water Project. The budget for fiscal 1980-81 reflects an increase of $100,320 compared to the preceding year.

Planning Program

Funds budgeted in this program provide for various planning activities, preparation of hearing plans and environmental reports. The budgeted amount of $228,469 reflects an increase of $78,245 compared to the previous year. Planning projects are:

Saltwater Intrusion Study $25,358

This project includes continued monitoring of saltwater intrusion and the location and sealing of wells in the bayfront area that are found to be defective.

Hydroelectric Study $42,229

This project provides funds for coordination of the Federal Energy Regulatory Commission license for hydroelectric generation at Coyote Reservoir and to continue studies of the proposed facilities at Alamitos and Maple Avenue.

Federal Water Project $27,189

This project will provide for the determination of the communications and controls required for the San Felipe Division, CVP.

Engineering Services $7,866

This project provides labor to support the Planning Program within the Source of Supply Cost Center for surveying and technical services.

Anderson Dam and Reservoir $7,308

This will provide funds for the collection of data and analysis on the effect of several identified potential geologic hazards at Anderson Dam.

Calero Dam and Reservoir $118,519

This project provides for the completion of a predesign report and EIR for the enlargement of Calero Dam and Reservoir. The reports are in support of a loan application to be presented to the Water and Power Resources Service for funds to enlarge this facility.

Construction Program

This program provides funds for the acquisition and construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $1,771,962 includes the following projects:

State Water Project $1,475,000

This project provides funds for the payment to the State of California for the capitalized portion of imported water costs for the State Water Project. This project shows a decrease over the previous year because of a change in the method of capitalizing and expensing project costs as recommended by our auditors. The balance of the funds are budgeted in the Operations Program.

Water Reclamation Facility - Palo Alto $3,684

This will provide contract administration during the one (1) year material-workmanship guaranty period and liaison during the final grant audit.

Small Equipment Replacement $10,500

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Engineering Services $10,488

This project provides labor to support the Construction Program within the Source of Supply Cost Center for surveying, right of way engineering and technical services.

Anderson Dam and Reservoir $14,212

This project provides for the installation of a remote control valve operation system that will allow control of releases at the reservoir of water by remote control from the Rinconada Water Treatment Plant. It will require the purchase of a remote telemetry station and related electrical equipment.

Calero Dam and Reservoir $220,786

This is a cooperative project with the County of Santa Clara and provides funds for the acquisition of land to enlarge Calero Dam and Reservoir, the relocation of McKean Road and land for the park facility.

Coyote Dam and Reservoir $3,353

This will provide labor hours for Real Estate staff for the resolution of the Coyote Cabins lawsuit.

Vasona Dam and Reservoir $33,939

This project provides for plans, specifications and installation of a remote control valve operation system that will allow control of releases of water at Vasona from Rinconada Water Treatment Plant.

Maintenance Program

Funds budgeted in this program show a decrease of $61,431 compared to the preceding year. Funds are for maintenance of the reclamation facility at Palo Alto which was completed in 1978-79, monitoring the deformation of the Coyote Dam Spillway, and other maintenance requirements within the Cost Center.

SOURCE OF SUPPLY

The funds budgeted in this program are for the inspection and operation of the District's dams and reservoirs, weather modification, the operation of the water reclamation facilities at Palo Alto and Gilroy and the purchase of water from the State Water Project.

Of the $1,683,079 increase in this program over the preceding year, $775,744 is because of a change, as recommended by our auditors, in the method of capitalizing and expensing the State Water Project. After adjusting for the change in accounting methods, this program has increased by $907,305.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM: Administration	Planning	Construction	Maintenance	Operations	Project Totals
Ordinance Administration	$ 91,943					91,943
Saltwater Intrusion Study		25,358				25,358
Hydroelelectric Study		42,229				42,229
Insurance	22,000					22,000
Administrative Projects	19,318					19,318
In-County Credit	412,500					412,500
Dams & Reservoirs - General				47,007		47,007
Water Reclamation Fac.-Gilroy	62,500				41,937	104,437
Water Rights	17,131					17,131
State Water Project	56,592		1,475,000		2,900,000	4,431,592
Federal Water Project	88,452	27,189				115,641
Water Savings	5,000					5,000
Water Reclam. Fac.-Palo Alto			3,684	163,052	492,131	658,867
Hetch Hetchy Water Project	2,226					2,226
Weather Modification					87,498	87,498
Small Equipment Replacement			10,500			10,500
Source of Supply-Maintenance				111,804		111,804
Source of Supply-Operations					63,022	63,022
Engineering Services		7,866	10,488		3,935	22,289
Anderson Dam & Reservoir		7,308	14,212			21,520
Calero Dam & Reservoir		118,519	220,786			339,305
Coyote Dam & Reservoir			3,353	8,113		11,466
Stevens Creek Dam & Reservoir				50,556		50,556
Vasona Dam & Reservoir			33,939			33,939
Total	$ 777,662	228,469	1,771,962	380,532	3,588,523	6,747,148

RAW WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Raw Water Transmission and Distribution Cost Center is the second of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of raw water. The distribution system consists of pipelines, canals and percolation ponds and includes the use of creek systems.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 74,431	118,781	98,368	77,262	77,262
Planning	1,432	91,971	21,816	56,143	56,143
Construction	579,385	1,146,154	31,125,534	21,426,322	21,426,322
Maintenance	602,400	455,120	690,359	775,244	775,244
Operations	511,243	510,298	603,951	805,361	805,361
	$1,768,891	2,322,324	32,540,028	23,140,332	23,140,332

Administration Program

This program includes Ordinance Administration, Insurance, and Administrative Projects. The amount budgeted is $77,262. This program has decreased by $21,106 compared to the preceding year.

Planning Program

Funds budgeted in this program are for the Saratoga Percolation System, Almaden-Calero Canal, and Maple Avenue Recharge Facility. The $56,143 budgeted reflects a $34,327 increase over the preceding year.

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $21,426,322 includes the following projects:

Central Pipeline Control System $10,783

This provides for new digital telemetry equipment on the turnouts replacing the analog tone telemetry as part of the approved long range upgrades to the system.

Almaden Valley Pipeline $10,250,553

This provides for final plans, specifications and construction of the Almaden Pipeline from Calero Reservoir to the existing Almaden Valley Pipeline. It also includes the installation of remote control valve operation systems to control releases from the pipeline.

Cross Valley Pipeline $10,885,777

This is the second major project in this Cost Center necessary to transport water from the San Felipe Project. The Cross Valley Pipeline will transport water from the proposed Coyote Pump Station at the base of Anderson Dam to Calero Reservoir. This will provide funds for the final plans, specifications, rights of way, and the construction of the pipeline.

Stevens Creek Pipeline Control System $10,783

This project funds a new digital telemetry system to be installed this fiscal year on the raw water turnouts.

Evergreen Distribution System $16,249

This project provides funds for the design and construction of a pipeline system to deliver treated water from the East Pipeline to irrigation customers in the Evergreen area.

Page Distribution System - Upper $185,788

The funds budgeted for this project include redesigning and construction of the recharge pond facility and its appurtenant canals to achieve additional recharge capacity.

Penitencia Percolation System $8,426

This project consists of designing and constructing a new valving system to divert water from Pond #1 into Penitencia Creek.

Small Equipment Replacement $5,000

This project provides for the replacement of equipment which is not covered by the Replacement Appropriation.

Engineering Services $52,963

This project provides labor to support the Construction Program within this Cost Center for surveying, right of way engineering, and technical services.

Maintenance Program

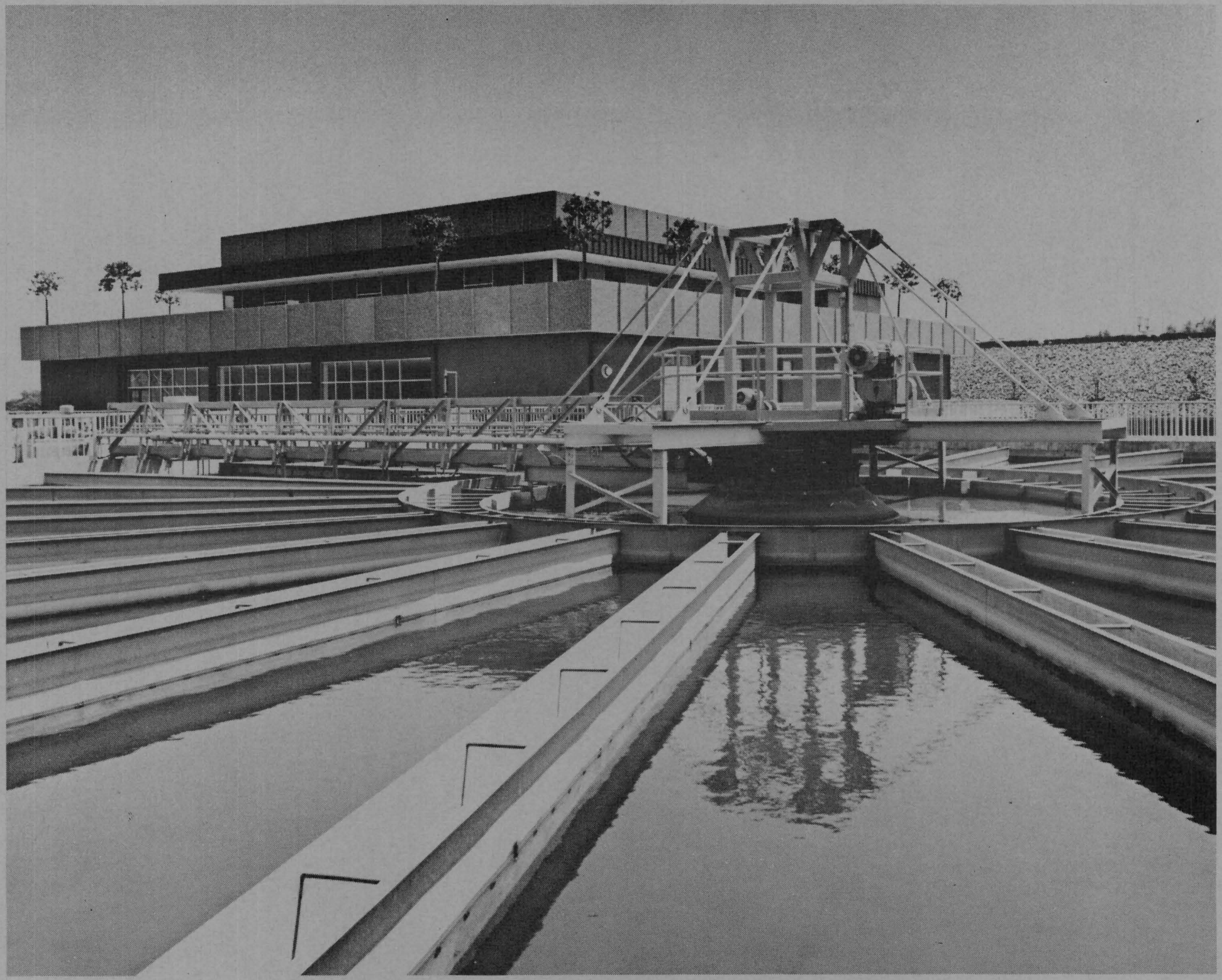
Funds budgeted in this program reflect a $84,885 increase compared to the preceding year. The funds provide for normal maintenance requirements within the Cost Center. The primary reason for the increase is the completion of reconstruction work on five ponds in the Penitencia Percolation System. These are part of a park chain from Alum Rock to Coyote Creek in conjunction with the County of Santa Clara and the City of San Jose. The proposed modification to this existing recharge facility will provide adequate public access and increase the groundwater recharge capability.

Operations Program

Funds budgeted in this program reflect a $201,410 increase compared to the preceding year. The funds provide for normal operation of the Raw Water Distribution System. Utility increases together with an increase of 3,500 labor hours have generated this additional cost.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Administration	Planning	Construction	Maintenance	Operations	
Ordinance Administration	$ 49,299					49,299
Insurance	13,500					13,500
Administrative Projects	14,463					14,463
Raw Water Distribution-General					103,559	103,559
Central Pipeline Control System			10,783			10,783
Almaden Valley Pipeline			10,250,553			10,250,553
Cross Valley Pipeline			10,885,777			10,885,777
Saratoga Percolation System		2,588				2,588
Stevens Creek Pipeline Control System			10,783			10,783
Evergreen Distribution System			16,249			16,249
Page Distribution System-Upper			185,788			185,788
Penitencia Percolation System			8,426	81,000		89,426
Almaden-Calero Canal		12,230				12,230
Small Equipment Replacement			5,000			5,000
Raw Water T&D-Maintenance				694,244		694,244
Raw Water T&D-Operations					700,489	700,489
Engineering Services			52,963		1,313	54,276
Maple Ave Recharge Facility		41,325				41,325
Total	$ 77,262	56,143	21,426,322	775,244	805,361	23,140,332



WATER TREATMENT

BACKGROUND INFORMATION

The Water Treatment Cost Center is the third of five cost centers in the Water Utility Enterprise. This Cost Center contains all expenditures associated with the purification of water at the Rinconada Water Treatment Plant and the Penitencia Water Treatment Plant.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 37,298	157,802	37,300	39,153	39,153
Planning	19,428	12,902		114,460	114,460
Construction	137,530	47,437	164,883	474,851	474,851
Maintenance	389,830	458,269	502,083	554,279	575,859
Operations	1,365,913	1,471,747	1,612,417	1,855,076	1,855,076
Total	$ 1,949,999	2,148,157	2,316,683	3,037,819	3,059,399

Administration Program

This program contains funds for updating the District's Standard Specifications for flood control and water supply design and the Insurance Project. The budgeted amount of $39,153 is $1,853 more than budgeted for this project in the preceding year.

Planning Program

This program provides funds for studies related to the two water treatment plants. No funds were budgeted last fiscal year.

Penitencia Sludge Disposal $54,080

This provides for an Engineer's Report and design criteria for the disposal of sludge generated at Penitencia Water Treatment Plant.

Rinconada Water Treatment Plant $60,380

This provides for the study of the present standby power generation system and the future requirements for the most feasible replacement for the natural gas driven generator. A second study will consider the design criteria for the disposal of sludge.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The amount budgeted of $474,851 reflects a $309,968 increase over the preceding year and includes the following projects:

Rinconada Water Treatment Plant $417,514

This project provides funds for the preparation of an engineer's report and design criteria for expansion of the existing treatment plant. The proposed planned expansion of the plant is necessary to treat water to be transported from the San Felipe Project.

Penitencia Water Treatment Plant - Control System $46,715

This project provides funds for District labor to study the proposed plan for plant expansion and improvements to the plant controls.

Small Equipment Replacement $8,000

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Engineering Services $2,622

This project provides labor to support the Construction Program within the Water Treatment Cost Center for surveying, right of way engineering, and technical services.

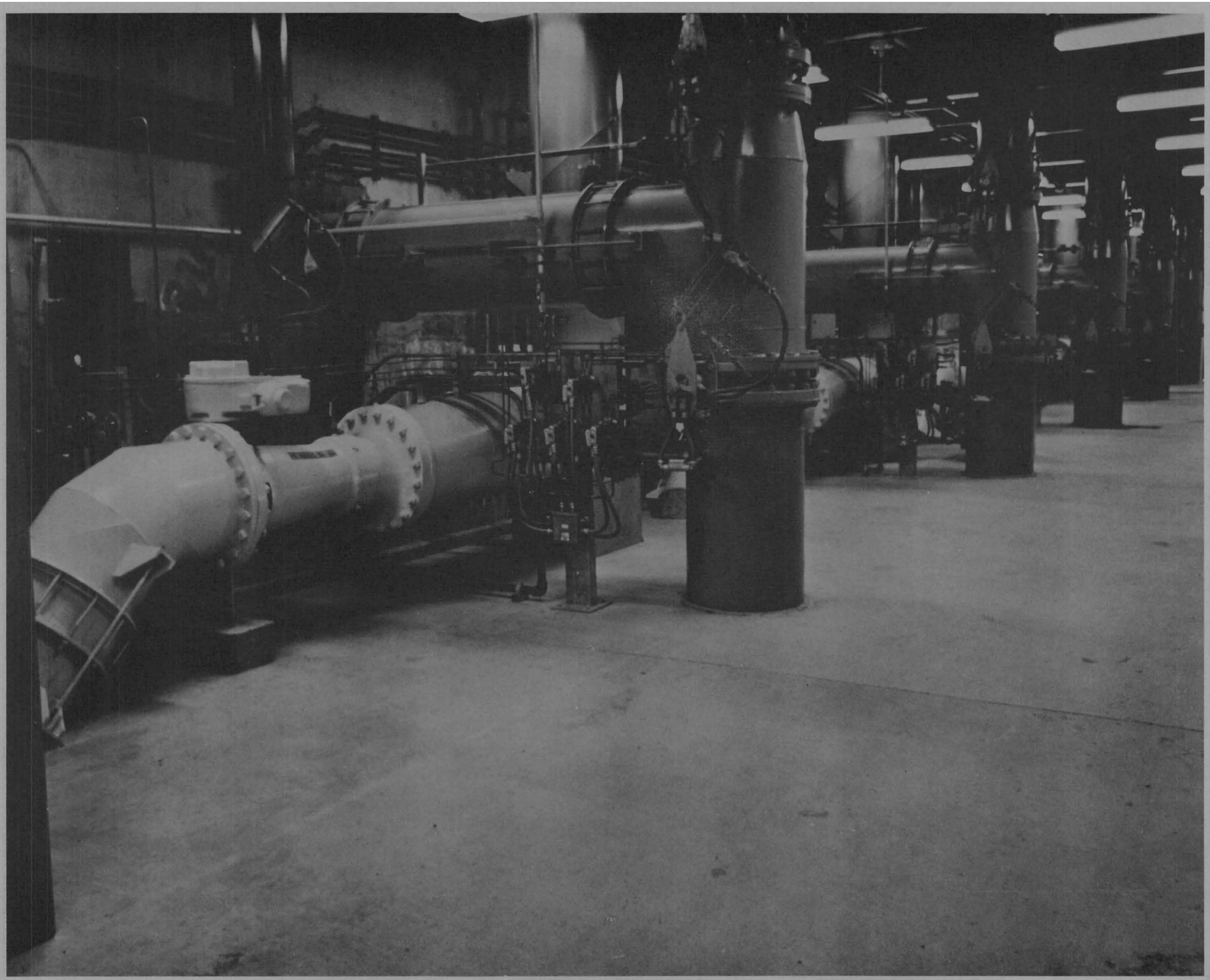
Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. This budget has increased $73,776 over the preceding year.

Funds budgeted in this program of $1,855,076 provide for the normal operation of two water treatment plants. The program cost has increased $242,659 over the preceding year. The primary reason is an increase in contract services cost, materials and supplies, utilities, and sludge hauling.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Administration	Planning	Construction	Maintenance	Operations	
Insurance	$ 37,300					37,300
Update & Revise Std. Specifications	1,853					1,853
Penitencia Sludge Disposal		54,080				54,080
Rinconada Water Treatment Plant		60,380	417,514		19,285	497,179
PWTP Control System			46,715			46,715
Small Equipment Replacement			8,000			8,000
Water Treatment - Maintenance				575,859		575,859
Water Treatment - Operations					1,830,024	1,830,024
Engineering Services			2,622		5,767	8,389
Total	$ 39,153	114,460	474,851	575,859	1,855,076	3,059,399



TREATED WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Treated Water Transmission and Distribution Cost Center is the fourth of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of treated water to retail customers and includes costs associated with the treated water reservoirs, pumping systems, pipelines and turnouts.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 34,957	54,039	40,043	33,866	33,866
Planning					
Construction	232,554	193,735	483,691	117,451	117,451
Maintenance	46,188	53,733	83,180	109,676	109,676
Operations	244,369	186,865	264,898	285,055	285,055
	$ 558,068	488,372	871,812	546,048	546,048

Administration Program

This program includes the Ordinance Administration, Insurance, and Administrative Projects. On a comparative basis, this program has a decrease of $6,177 compared to the preceding year.

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $117,451 includes the following projects:

West Reservoir $57,542

This project provides for the treated water reservoir site land acquisition test drilling, and the preparation of an engineer's report and an environmental impact report. This project will provide storage capacity necessary to insure an adequate supply of water to meet peak flow requirements and it will also provide an emergency water supply in the event the Rinconada Water Treatment Plant has to shut down.

Mountain View Distributary $10,298

This project includes funds for engineering studies preparatory to the acquisition of right of way.

Milpitas Pipeline $10,164

Funds for this project are also for engineering studies prior to the acquisition of property.

West Pipeline Control System $23,959

These funds provide for the required engineering to develop modifications and improvements during this fiscal year for the West Pipeline and its control equipment.

Small Equipment Replacement $5,000

This project provides for the replacement of equipment in the Water Utility Enterprise which is not covered by the Replacement Appropriation.

Engineering Services $10,488

This project provides labor to support the Construction Program within the Treated Water T&D Cost Center for surveying, right of way engineering, and technical services.

Maintenance Program

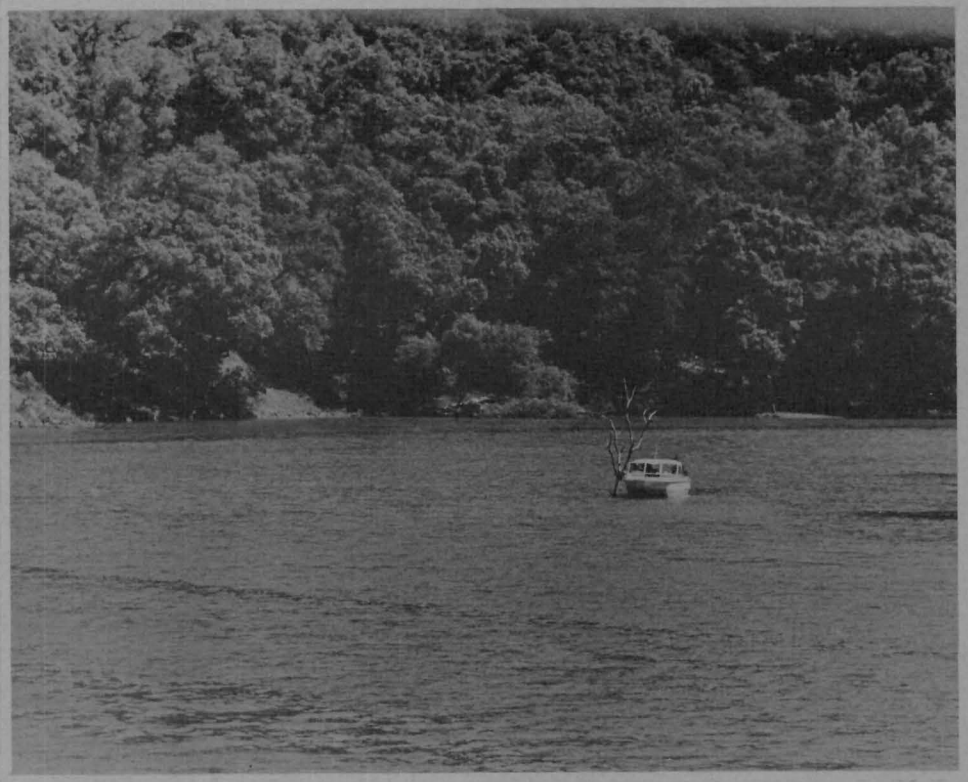
Funds budgeted for this program provide for normal maintenance requirements within the Cost Center. This budget is $26,496 higher than the preceding year.

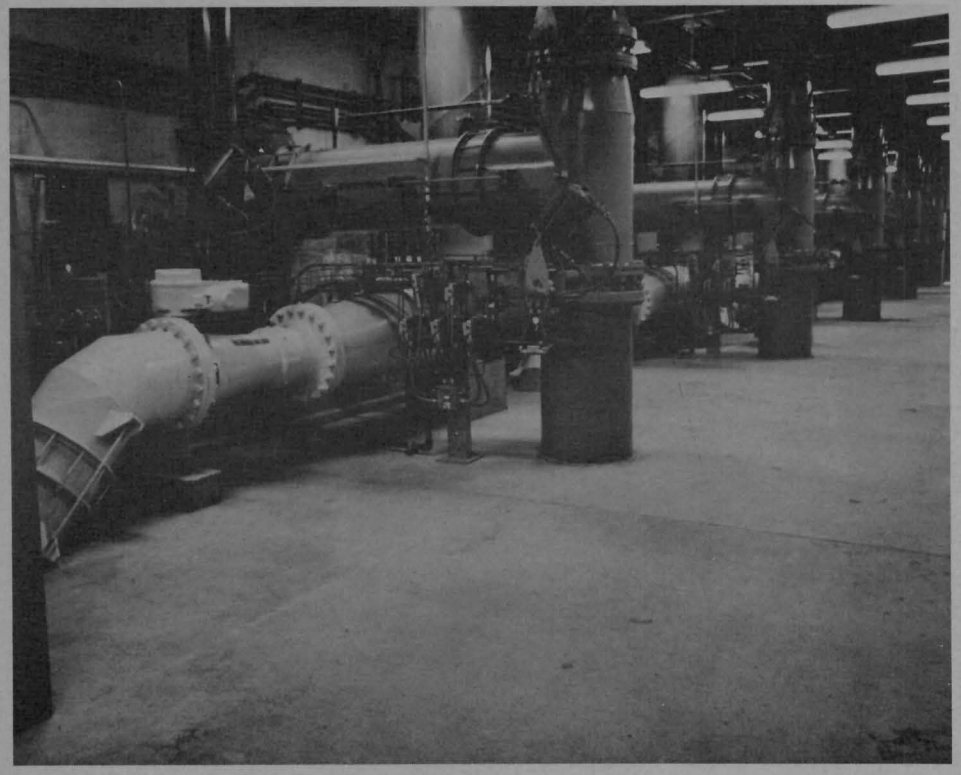
Operations Program

Funds budgeted in this program provide for normal operation of the Treated Water Distribution System. This budget is $20,157 higher than the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Administration	Planning	Construction	Maintenance	Operations	
Ordinance Administration	$ 14,906					14,906
Insurance	13,000					13,000
Administrative Projects	5,960					5,960
West Reservoir			57,542			57,542
Mountain View Distributary			10,298			10,298
Milpitas Pipeline			10,164			10,164
West Pipeline Control System			23,959			23,959
Small Equipment Replacement			5,000			5,000
Treated Water T&D - Maintenance				109,676		109,676
Treated Water T&D Operations					284,268	284,268
Engineering Services			10,488		787	11,275
Total	$ 33,866		117,451	109,676	285,055	546,048





ADMINISTRATION AND GENERAL

BACKGROUND INFORMATION

The Administration and General Cost Center is the fifth and final Cost Center in the Water Utility Enterprise. It contains all expenditures of an administrative nature which cannot be properly assigned to one of the other four cost centers. Work performed in this Cost Center covers items such as the collection of groundwater charges, pricing analysis, financial and cash flow studies, annual reports and general water management planning.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration	$ 156,076	589,373	242,758	173,823	173,823
Planning	735,535	565,751	943,478	825,127	825,127
Construction	14,146	15,618	45,321	2,622	2,622
Maintenance					
Operations	240,633	265,645	296,804	369,493	369,493
	$ 1,146,390	1,436,387	1,528,361	1,371,065	1,371,065

Administration Program

This program includes Insurance, Administrative, and Water Revenue Collection Projects. The amount budgeted for this fiscal year is $173,823 which represents a $68,935 decrease compared to the preceding year.

Planning Program

Funds budgeted in this program are $825,127 or $118,351 less than the preceding year. Planning projects are:

Financial and Cash Flow Study $138,061

This project consists of evaluating the effects on the District's financial position of future revenues and expenditures to consider the various effects on the Water Utility's Financial Cash Flow Position. It also provides funds for the preparation of the Annual Financial Analysis of the Water Utility.

Annual Water Conditions Report $42,685

This project provides for the continuing analysis of water conditions of the preceding year and the preparation of a report summarizing these findings. The analysis consists of an overall hydrologic balance to determine the net surplus or deficit in groundwater supply and changes in storage. Also included will be information on subsidence, saltwater contamination, water quality and summaries of wastewater reclamation projects.

Water Reclamation Studies $78,777

This provides for support activities for the Water Reuse Advisory Committee and District support in several reclamation study projects. The second scope would provide for cooperation with DWR of the feasibility of using reclaimed water to meet a portion of the water needs of Santa Clara County. The third scope of work in this series consists of staff support in a regional water reclamation study which will identify uses of reclaimed water in the bay area. The final scope will fund a research project being conducted at the Palo Alto Water Reclamation Facility to measure specific toxic organic compounds.

Groundwater Model $22,636

This is a continuing project to provide for the improvement and operation of the District's groundwater model. In this fiscal year, efforts will be made to refine the calibration and utilize the models as needed in groundwater basin management.

Water Resources Master Planning $409,716

This project consists of three scopes of work. The first is a continuing review of the projected water demands of the various sources of supply including reclaimed water and optional methods of distributing the total supply to meet the demand. The second scope provides for the determination of the feasibility of a third treatment plant in South San Jose/Coyote area. The third scope provides for subsurface exploration and test drilling in the Coyote Valley.

Water Quality Studies $109,654

This is a continuing program of water quality evaluation of both surface and groundwater supplies. The project is composed of three parts: 1) monitoring of surface and groundwater quality implemented in 1979-80, 2) maintenance of limnological studies in Anderson and Lexington Reservoirs, and 3) assistance in developing better erosion controls and septic tank ordinances.

Engineering Services $23,598

This project provides labor to support the Planning Program within the Administration and General Cost Center to provide surveying and technical services support.

Construction Program

This program provides for one project totaling $2,622. This project is:

Engineering Services $2,622

This will provide labor to support any construction projects and charges will be made directly to that project.

Operations Program

Funds budgeted in this program provide for field surveillance of groundwater and surface water facilities, operation of the meter test facility, and meter testing and repair activities. It also provides for the collection of surface and groundwater quality data and for the monitoring of depth to groundwater in the various groundwater basins. The amount budgeted for this fiscal year is $369,493 compared to $296,804 in the preceding fiscal year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Administration	Planning	Construction	Maintenance	Operations	
Insurance	$ 25,000					25,000
Administative Projects	37,431					37,431
Water Revenue Collection	111,392					111,392
Water Measurement					314,456	314,456
Financial & Cash Flow Study		138,061				138,061
Annual Water Conditions Report		42,685				42,685
Water Reclamation Studies		78,777				78,777
Groundwater Model		22,636				22,636
Water Quality Monitoring					25,017	25,017
Groundwater Monitoring					19,532	19,532
Water Resources Master Planning		409,716				409,716
Water Quality Studies		109,654				109,654
Engineering Services		23,598	2,622		10,488	36,708
Total	$ 173,823	825,127	2,622		369,493	1,371,065

DISTRICT

DIRECT COSTS

GOVERNMENTAL PROGRAM

FIXED ASSETS

DISTRIBUTED EXPENSES

ADMINISTRATION PROGRAM

SERVICES AND SUPPLIES

THE DISTRICT COST CENTER

The District Cost Center Budget is presented in two parts. The first part contains the budget for Direct Costs. Direct Costs consist of the Governmental Program and Fixed Assets. The second part contains the budget for Distributed Expenses. Distributed Expenses consist of the Administration Program and Service and Supplies.

The primary source of revenues to support the Direct Costs of the District Cost Center is an allocation from the Countywide tax levy.

The District Cost Center can make loans to other cost centers with the approval of the Board of Directors. In 1979-80, the District Cost Center appropriated $2,250,000 to loan the South Zone of which approximately $155,000 was transferred. In fiscal year 1980-81, an additional loan of $364,506 has been budgeted. Last year the District Cost Center also appropriated $200,000 as a loan to the North Central Zone. This transfer was not required.

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 4,096,737	4,610,300	4,671,102	4,274,000	4,632,466
Revenue Sources					
Property Taxes	1,216,096	530,871	573,775	639,500	639,500
Interest	241,629	348,774	432,049	518,749	518,749
Agreements and Advances	436,967	169,834	66,401		
Other	45,428	80,707	5,000	10,000	10,000
Total Revenue Sources	1,940,120	1,130,186	1,077,225	1,168,249	1,168,249
Total Available	$ 6,036,857	5,740,486	5,748,327	5,442,249	5,800,715

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Governmental Program	$ 1,198,439	837,201	792,971	906,183	906,183
Fixed Assets	228,118	126,242	330,813	341,418	341,418
Loan to South Zone			2,250,000	364,506	364,506
Loan to North Central Zone			200,000		
Inter Fund Loan Appropriation			1,274,543	2,830,142	3,188,608
Contingency Appropriation	1,112,025	1,100,000	900,000	1,000,000	1,000,000
Total Appropriated	2,538,582	2,063,443	5,748,327	5,442,249	5,800,715
Balance End of Year	3,498,275	3,677,043			
Total	$ 6,036,857	5,740,486	5,748,327	5,442,249	5,800,715

Projects within the Governmental Program are those which cannot be readily identified with Flood Control or Water Utility Cost Centers. They can be categorized as general type projects which support Districtwide activities.

Proposed appropriations for fiscal year 1980-81 have increased $113,212 compared to the preceding year. Projects included in the Governmental Program for 1980-81 are:

Basic Data Collection $277,721

This project consists of collection of basic data items such as the amounts and distributions of precipitation, streamflow quantities, tide elevations, reservoir storage, evaporation, sedimentation within District reservoirs and items of a similar nature. Emphasis will continue to be on more effective data collection programs to meet the needs of the District. This project reflects an increase of $24,232 compared to the preceding year.

Flood Insurance Liaison Study $14,704

This project is a continuing program to provide updating of flood maps for liaison with political jurisdictions relative to requirements of the Federal Flood Insurance Program and for dissemination of general information to all concerned with the program. The District works with local communities in the development of land use criteria in the floodplain areas and in their review of flood insurance rate studies. This project reflects an increase of $1,420 compared to the preceding year.

Vertical Monumentation $6,110

This project will extend permanent vertical monument control on all District Flood Control Channels and other District facilities.

Insurance Project $25,776

This project provides for an insurance reserve to meet the deductible amounts in the event of a loss, reimbursement cost of damage to District fixed assets that are not insured, and pay for additional premiums generated due to market fluctuations or adverse loss experience. Also provided for in this project is the labor necessary to manage the District's Risk Management Program.

Administrative Projects $326,500

This project provides for all time chargeable to District administrative work which cannot be directly related to a Flood Control Zone Cost Center or a Water Utility Cost Center but rather has a benefit to the District as a whole.

The following is a list of functions usually found within this basic project: Personnel Education and Training, Personnel Recruitment, Budget Preparation, Meetings, Real Estate Administration, Survey Administration, Administrative Analysis, Storm Patrol, Updating of Manuals, Personnel Safety, and Geographic Names Study.

Basic Hydrology $59,545

This is a continuing project which consists of analysis of data collected under the Basic Data Collection Project. The analysis of the data will result in updating our current methods of computer design flood flows and determining optimum reservoir operation of our existing reservoir system. Data will be gathered for the purpose of creating historical records which can be used by present and future generations in the analysis of District flood control and water supply problems. This project increased $29,309 compared to the preceding year.

Directors' Fees and Expenses $47,000

This project provides for the per diem fees and expenses of the District's Board of Directors.

Legal Projects $68,129

This project provides for the legal services of the District and for other legal costs which cannot be directly charged to a specific scope of work in the Flood Control Zone Cost Centers or the Water Utility Cost Centers.

Public Education $68,385

This project provides for the operation and management of a Districtwide program of public information and education. Activities include: preparation of information, displays, brochures, periodic publications for internal and external informational use, providing for tours of District facilities, management and promotion of the Speakers Bureau, conducting liaison work with film production, advertising, graphics and public relation consultants for services related to the District's overall public information requirements, providing public information advice and consultation to District Units and provide written and graphic communication to others.

Environmental Analysis $12,313

This project provides for review and formal comment on environmental impact reports submitted to the District by outside agencies and general support of environmental impact report activities such as the review and preparation of District environmental impact report guidelines, procedures and community informational meetings relative to the District's environmental impact report process. Also provided is an evaluation and comparison of the impacts of selected major construction projects that occur after completion of the project. An assessment will also be conducted to determine whether mitigation measures included in the project have met their intended purpose.

Fixed Assets purchased from the District Cost Center are used to support Districtwide activities as a whole. They are the type of expenditure that cannot be identified with or purchased from the funds of any other cost center. A comparative summary of expenditures can be found on Exhibit 2.

Land $88,700

These funds are designated for the purchase of land adjacent to the District Headquarters in connection with the widening of Almaden Expressway. This payment will be for the second installment.

Structures and Improvements $16,000

These funds are to be used to install telemetry streamflow stations and install a streamflow gaging bridge at Station 67.

Office Equipment $11,115

This account shows a $4,186 increase compared to the preceding year. Budgeted funds provide for the acquisition and replacement of typewriters, calculators, and for photo indexing equipment.

Automotive Equipment $41,200

The budgeted funds are necessary to provide a pair of utility compartment side boxes for a 1/2-ton truck, one rear loading trash compactor, and one 3/4-ton pickup with spray system and boom.

Communication Equipment $13,250

This account shows a $3,250 increase compared to the preceding year. Budgeted funds are necessary to replace five mobile radios that are 12 years old and require frequent maintenance. Replacement parts are not readily available.

Hydrologic Equipment $5,800

This account shows a $4,000 increase compared to the preceding year. This account provides for the acquisition of one precipiation gage for replacement as required, one digital current meter, and to complete replacement of old timing devices on hydrologic equipment.

Other Equipment $48,915

The budgeted amount represents a $31,100 decrease compared to the preceding year. New items of equipment being budgeted are: video equipment, a four gang drag-disc, a truck transmission jack, a welder, 3-inch gas powered trash pump, a fiberglass personnel bucket, a 500 gallon spray system and other smaller equipment.

Office Furniture $7,238

The budgeted amount represents a $2,519 increase compared to the preceding year. The account provides for various desks, chairs, tables, and file cabinets for replacement of worn out office furniture.

Computer Equipment $109,200

This account increased $22,200 compared to the preceding year. The budgeted amount provides for the annual deferred payment of the Burroughs 3800 System. This equipment is being purchased under an approved lease-purchase agreement. Also included in the acquisition of one used keypunch, three terminals, and software licenses for a computer and data base system.

EXHIBIT 1

SUMMARY OF GOVERNMENTAL PROGRAM PROJECTS

PROJECT	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Basic Engineering	$ 61,715	13,939			
Basic Data Collection	268,358	201,928	253,489	277,721	277,721
Flood Insurance Liaison Study	16,984	17,433	13,284	14,704	14,704
Vertical Monumentation				6,110	6,110
Implementation Well Standards Study	7,522				
MIDS Subsystem Study		5,000	5,500		
Insurance Project	22,240	20,934	23,713	25,776	25,776
Administrative Projects	370,395	328,530	270,657	326,500	326,500
Basic Hydrology	37,927	28,232	30,236	59,545	59,545
Community Employment Project	221,212				
Directors Fees and Expenses	43,182	44,041	53,500	47,000	47,000
Legal Projects	80,845	115,040	64,299	68,129	68,129
Public Education	53,405	55,233	62,402	68,385	68,385
Environmental Analysis	14,582	12,268	15,891	12,313	12,313
Fish Assistance	72				
Program Total	$ 1,198,439	842,578	792,971	906,183	906,183

EXHIBIT 2

SUMMARY OF FIXED ASSET ACCOUNTS

ACCOUNT		Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
1200	Land	$		80,000	88,700	88,700
1300	Structures & Improvements	56,346	52	56,000	16,000	16,000
1401	Office Equipment	6,842	7,323	6,929	11,115	11,115
1402	Automotive Equipment	24,276	5,745	3,600	41,200	41,200
1403	Communications Equipment	6,524	4,349	10,000	13,250	13,250
1404	Hydrologic Equipment	4,004		1,800	5,800	5,800
1405	Water Measuring Equipment	1,040		750		
1406	Other Equipment	16,233	3,362	80,015	48,915	48,915
1407	Office Furniture	15,746	3,333	4,719	7,238	7,238
1408	Computer Equipment	97,107	85,787	87,000	109,200	109,200
Total		$ 228,118	109,951	330,813	341,418	341,418

DISTRIBUTED EXPENSE

Distributed Expense is an overhead cost. Overhead consists of the District Cost Center's Administration Program and its Services and Supplies accounts. These expenditures are reimbursed by applying the Distributed Expense as an overhead rate to all District labor charged to work performed in other cost centers. Since all costs are reimbursed, expenditures for Distributed Expense do not reduce the revenues of the District Cost Center.

SUMMARY BY PROGRAM

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Administration Progam	$ 1,959,826	2,106,698	3,412,415	3,689,027	3,730,918
Services and Supplies	677,424	602,833	783,860	822,532	822,532
Total Expenditures	$ 2,637,250	2,709,531	4,196,275	4,511,559	4,553,450

Administration Program

Administration Program expenditures are those which support Districtwide activities and therefore cannot be charged directly to another cost center or fund. These projects reflect a $276,612 increase compared to the preceding year.

Sick Leave, Vacation, etc. $1,047,492

This project includes all time chargeable to Sick Leave, Vacation, Holidays, Jury Duty, Military Leave, and approved Leave with Pay.

Ordinance Administration $29,265

This project provides for labor necessary to prepare manuals, standards and design aids to assist in the enforcement and application of Ordinance 74-1. The budgeted amount also provides for investigation and resolution of violations to Ordinance 74-1 and to prepare materials to generate public awareness of potential violations.

General Services $147,737

This project provides for District labor spent in general activities such as purchasing, reproduction and printing services, claims administration, equipment and materials inventory, building maintenance administration and messenger services.

Finance Services $160,761

This project provides accounting services for all areas of the District, including Flood Control Zones, Water Utility Enterprise, general governmental activities, revenue, payroll, investments and the Equipment Working Capital Fund.

Secretarial Services $508,422

This project provides for the secretarial and clerical services for the entire District. This includes personnel records, reception services, library services, filing, mail distribution, maintenance of minutes for committees and the Board of Directors, dictation, typing, and general secretarial services.

Management Project $291,342

This project provides for time spent by management personnel of the District.

Data Processing - Engineering and Scientific $9,010

This project provides for applications, systems design, programming, debugging, production and maintenance of engineering and scientific data processing applications, which are of general benefit to the entire District.

Data Processing - Business, Administrative and Commercial $83,464

This project provides for the systems design, programming, debugging, operations and maintenance of business, administrative, and commercial data processing applications that are of general benefit to the entire District.

Computer Systems Analysis $14,310

This project provides for analysis and evaluation of proposed computer configurations, terminals, new programs and new operation techniques.

Data Processing Operations $68,112

This project provides for data processing operations required by and associated with the in-house computer facility. This includes the computer operator, keypunch operations, and supervisory and technical support for the entire system.

Administration Center Maintenance $69,764

This project provides for the routine maintenance, custodial and landscaping work required to maintain the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Employee Benefits $1,301,239

This project provides for funding the employee health and accident insurance, long-term disability, dental insurance, basic life insurance, and retirement program through the Public Employees Retirement System.

Services and Supplies

Services and Supplies purchased from the District Cost Center are used to support Districtwide activities as a whole. They are of the type that cannot be identified with or purchased directly from funds of any other cost center. The costs of Services and Supplies are, however, recovered as applied overhead. Services and Supplies costs have increased by $38,672.

Communications $58,806

This account provides for all telephone service at the Almaden Complex and South County office.

Insurance - Workers' Compensation $115,000

This account provides premiums for Workers' Compensation Insurance. The experience rating modification is set at 69 percent of premium computed at basic or scheduled levels.

Insurance - Other $5,500

This account includes property insurance for Administration Headquarters and Maintenance Buildings and contents, miscellaneous tools, and non-owned aircraft insurance.

Unemployment Insurance $20,000

This account is a requirement of legislation passed during 1977-78. It provides for the cost of unemployment benefits and related administrative services.

Maintenance Services $154,100

This account provides for drafting and survey equipment maintenance, maintenance of motion picture projectors and cameras, janitorial services, fire extinguisher and alarm service, pest control service, elevator maintenance, furniture

refurbishing, office and copying machine maintenance, air-conditioning and heating maintenance, alterations to the Administration Building, maintenance of the Burroughs computer equipment, maintenance of the building and ground areas, and replacement of redwood facility signs.

Materials and Supplies $34,050

This account includes funding for floor sealer for the Administrative Annex, supplies for keypunch equipment, lumber, paint, steel pipe, welding supplies, masonry supplies, and maintenance requirements for maintaining the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Memberships $12,885

This account includes funding to provide for various professional and technical memberships in associations which relate to the functions of the District.

Office Expense - General Supplies $49,245

This account includes drafting supplies, notebooks, binders, pencils, graph paper, tab cards, labels, library supplies, computer paper, printer ribbons, and other supplies of general nature.

Office Expense - Reproduction Supplies $20,350

This account includes paper and operating supplies for the various copy machines, bindery supplies, and supplies used for the blueprint machine.

Office Expense - Printing and Binding $12,305

This account provides for printing of personnel announcements and brochures; budget divider pages; general business forms, such as letterhead, envelopes, business cards, purchase orders, and requisitions necessary for operation of the District, payroll and general fund checks; W-2 forms; map reproduction; and general printing and binding that cannot be performed by District facilities.

Office Expense - Postage $12,600

This account provides funding for metered mail and miscellaneous postage.

Contract Services - Auditing $3,000

This account provides for the District's share of the annual audit fee of financial transactions. This is the first year of a three-year contract.

Contract Services - Data Processing $6,700

This account provides for computer services which cannot be supplied by the current in-house facilities. Included are programming services and analysis, keypunch services to provide for vacations and unusual backlogs, data communications handler maintenance for software systems, and a data base management system. Also included is funding for support of computer plotting for preliminary cross sections and final design templates for program development.

Contract Services - Legal $500

This account is to provide for special legal assistance in identifying and resolving violations of Ordinance 74-1.

Contract Services - Other $56,800

Budgeted amounts provide for pre-employment physicals and placement testing, microfilming of ordinance information, updating of the evaluation of the District's buildings and contents, security services for the Administration Building, after hours availability of District cafeteria services, messenger service, microfilm services and messenger service for microfilm delivery.

Publication Fees and Legal Notices $4,000

This account is to provide for recruitment advertising, miscellaneous legal advertising and notices, notices of District surplus equipment sales, and special publications and legal notices associated with generating public awareness regarding violation of District Ordinance 74-1.

Lease Expense - Equipment $50,940

Requested funding provides for the lease of a portion of the Burroughs computer system, duplicating machines, keypunch and verifying machines, and the rental of equipment to be used for maintenance of the Administration and Maintenance Buildings and Grounds.

Small Tools and Instruments $21,620

This account is to provide for general small tools and instruments required by the District.

Special Expense - Education $15,300

This account provides for tuition fees, textbooks and supplies for educational courses, seminars, conferences, and training programs.

Special Expense - Other $64,231

This account provides for the acquisition of publications, library documents, and employee awards as well as for procurement of film and photographic processing. The additional cost this year relates to election expenses.

Transportation and Travel - Public/Lodging/Meals $34,600

This account provides funding for authorized travel by the staff while on District business. The budgeted amount also includes lodging and meal expenses.

Utilities $70,000

This funding is to provide utilities at the Administration and Maintenance Headquarters Buildings. Budgeted amounts include funding for water, gas, electricity, disposal and dump charges, standby charges, and sewer service and use charges.

EXHIBIT 3

SUMMARY OF ADMINISTRATION PROGRAM PROJECTS

PROJECT	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Sick Leave, Vacation, etc.	$ 848,130	935,356	966,939	1,060,543	1,047,492
Ordinance Administration	17,433	27,704	28,438	29,265	29,265
General Services	124,531	124,959	138,574	147,737	147,737
Finance Services	149,584	144,249	150,052	160,761	160,761
Secretarial Services	324,266	324,241	431,005	508,422	508,422
Management Project	257,477	290,777	294,558	291,342	291,342
DP - Engineering & Scientific	3,522	8,772	9,751	9,010	9,010
DP - Processing-Business Admin.	78,071	86,463	76,243	83,464	83,464
Computer Systems Analysis	11,246	16,372	15,487	14,310	14,310
Data Processing Operations	54,395	43,323	78,615	95,239	68,112
Administration Center Maintenance	91,171	104,483	99,241	69,764	69,764
Employee Benefits	990,891	1,022,343	1,123,512	1,219,170	1,301,239
Total	$ 2,950,717	3,129,042	3,412,415	3,689,027	3,730,918

Exhibit 4

SUMMARY OF SERVICES AND SUPPLIES ACCOUNTS

	ACCOUNT	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
6100	Communication	$ 55,634	50,774	57,700	58,806	58,806
6510	Insurance-Workers' Comp.	113,523	104,181	116,844	115,000	115,000
6520	Insurance-Other	8,040		5,500	5,500	5,500
6530	Unemployment Insurance			46,090	20,000	20,000
7200	Maintenance-Services	84,937	97,888	109,820	154,100	154,100
7400	Materials and Supplies	31,579	26,804	31,855	34,050	34,050
7700	Memberships	15,753	11,982	12,350	12,885	12,885
7810	Office Expense-General Supplies	39,949	33,450	45,675	49,245	49,245
7820	Office Exp.-Repro. Supplies	16,413	15,256	21,000	20,350	20,350
7830	Office Exp.-Printing & Binding	9,958	10,025	15,075	12,305	12,305
7840	Office Expense-Postage	19,379	10,683	10,500	12,600	12,600
7900	Other Expenses		936			
8020	Contract Services-Auditing	14,500	15,200	19,000	3,000	3,000
8030	Contract Services-DP	10,957	1,983	8,875	6,700	6,700
8050	Contract Services-Legal			500	500	500
8060	Contract Services-Other	39,882	61,715	53,997	56,800	56,800
8100	Publication Fees & Legal Notices	1,208	1,639	4,500	4,000	4,000
8420	Lease Expense-Equipment	42,108	36,298	65,020	50,940	50,940
8600	Small Tools & Instruments	26,635	12,399	22,028	21,620	21,620
8610	Small Tools & Instr.-Survey	3,998				
8710	Special Expense-Education	12,539	7,837	13,850	15,300	15,300
8730	Special Expense-Other	23,124	16,994	23,481	64,231	64,231
9110	Trans. & Trav.-Pub./Lodg./Meals	38,324	26,586	28,200	34,600	34,600
9300	Utilities	68,984	60,203	72,000	70,000	70,000
Total		$ 677,424	602,833	783,860	822,532	822,532

SERVICE FUND

EQUIPMENT WORKING CAPITAL FUND

REVENUE SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Balance Beginning of Year	$ 893,819	1,168,192	1,243,646	1,376,000	1,359,324
Revenue Sources					
Equipment Rental	583,923	397,897	467,433	495,721	495,721
Interest	58,441	97,150	105,267	155,973	155,973
Sale of Equipment	12,035	27,217	15,000	17,000	17,000
Total Revenue Sources	654,399	522,264	587,700	668,694	668,694
Total Available	$ 1,548,218	1,690,456	1,831,346	2,044,694	2,028,018

OUTLAY SUMMARY

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Operating Expense	$ 331,713	322,610	365,837	473,422	473,422
Equipment Purchase	33,210	87,280	87,900	230,270	230,270
Total Expenditures	364,923	409,890	453,737	703,692	703,692
Inter-Fund Adjustment	15,103	6,448	9,845	9,125	9,125
Replacement Appropriation	1,068,192	1,229,118	1,317,764	1,281,877	1,265,201
Contingency Appropriation	100,000	45,000	50,000	50,000	50,000
Total Appropriated	$ 1,548,218	1,690,456	1,831,346	2,044,694	2,028,018

BACKGROUND INFORMATION

The Equipment Working Capital Fund was established for the purpose of maintaining, operating, and replacing three types of mobile equipment owned by the District. Type I Equipment consists of sedans and pickup trucks, Type II Equipment consists of heavy-duty trucks, and Type III Equipment consists of heavy-operating equipment such as bulldozers, draglines, and other similar types of equipment used for maintenance of District projects.

The Equipment Working Capital Fund is self-supporting with all replacement and maintenance cost being charged by preestablished rates to all projects in the various cost centers. The expenses of the Equipment Working Capital Fund are recovered by a mileage rate charged on Type I Equipment and hourly rate charged for Types II and III Equipment.

Equipment Purchase

This Section reflects the cost of all replacement items. The budgeted amount of $230,270 provides for the replacement of the various classes of equipment shown below. The necessary funding is provided by current revenue, supplemented by amounts accumulated for the replacement of equipment items. The items listed for replacement have been selected on the basis of accumulated mileage, obsolescence and planned needs of the District.

Class I Equipment — $82,150

Class I Equipment items scheduled for replacement consist of : a full size sedan, six compact sedans, one 1/2-ton 4x4 pickup, five light utility trucks, and one 3/4-ton cab.

Class II Equipment — $82,120

Class II equipment items scheduled for replacement consist of one flatbed truck with dump hoist and a 25,000 lb. stiff boom mounted crane.

Class III Equipment — $66,000

Class III equipment items scheduled for replacement consists of a tractor loader.

Operating Expense

The Operating Expense Section of the Equipment Working Capital Fund provides for insurance, materials and supplies, and District labor to service and maintain all equipment items within the fund. Expected costs this year are $482,547 or an increase of $116,710.

SUMMARY OF EQUIPMENT PURCHASE AND OPERATING EXPENSE

	Actual 1977-78	Actual 1978-79	Approved 1979-80	Requested 1980-81	Final 1980-81
Equipment Purchase					
Class I	$ 33,210	78,639	85,400	82,150	82,150
Class II				82,120	82,120
Class III		8,641	2,500	66,000	66,000
Operating Expense	331,713	322,610	365,837	473,422	473,422
Total Purchase and Expense	$ 364,923	409,890	453,737	703,692	703,692